

10/24/2006



MEMORANDUM

To: Parks and Recreation Board

From: Warren W. Struss, Director
Parks and Recreation Department

Date: October 24, 2006

Subject: Two-slip boat dock and bulkheading at 7901 Big View Drive.
Case Number SP-06-0499D

A request has been received from Bruce Aupperle on the behalf of John Morris to construct a two-slip boat dock and bulkheading at 7901 Big View Drive.

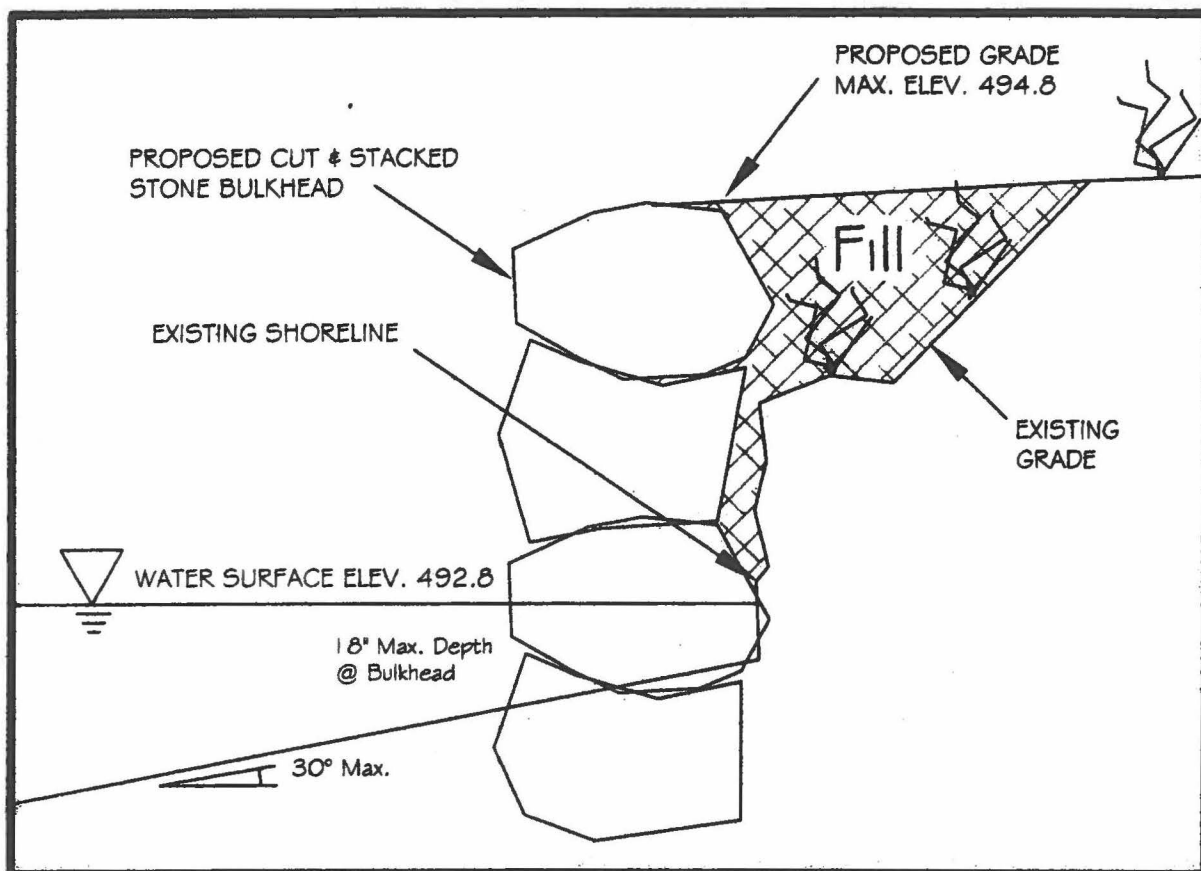
The Parks and Recreation Department staff has reviewed plans for the proposed dock and finds they do not meet the requirements of Article XIII, Section 25-2-1176, (Regulations for the Construction of Boat Docks) of the Land Development Code. The proposed dock exceeds 20 percent of the shoreline frontage. The applicant owns two adjoining lots and has the intent of joining the lots by restrictive covenant. If the two lots are joined by restrictive covenant the proposed dock would comply with the requirements of the Land Development Code.

Approval by the Parks and Recreation Board is required for a structure which exceeds 20 percent of a lots shoreline frontage.

A retaining wall, bulkhead, or other erosion protection device must be designed to minimize wave return and reduce wave action. The Parks and Recreation Board shall make a recommendation to the Director on the natural character and design for retaining walls, bulkheading, and other erosion protection devices.

A handwritten signature in black ink, appearing to read "Warren W. Struss".

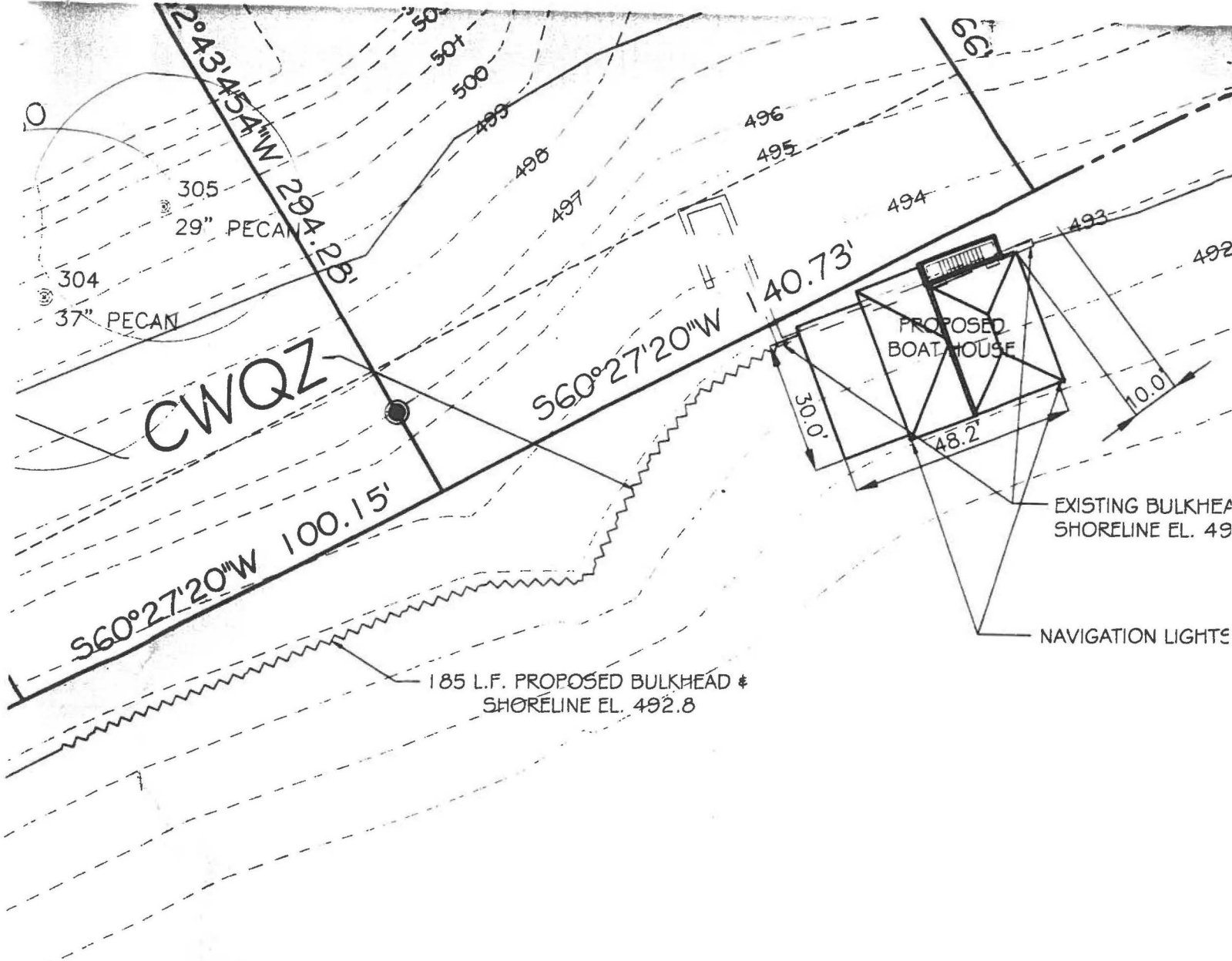
Warren W. Struss, Director
Parks and Recreation Department



CUT & STACKED STONE BULKHEAD DETAIL
TYPICAL CROSS SECTION (NTS)

BULKHEAD NOTES:

1. Bulkhead construction shall be lawfully installed.
2. The City of Austin General Construction notes are made a part of this project for applicability in the event that unforeseen disturbance of the land area of the site is necessary to complete the approved construction. Reference: Exhibit III of the Boat Dock Packet (5/24/1991) and silt fence detail: Figure 1-8 of the Environmental Manual.



DOCK SITE PLAN



MEMORANDUM

To: Parks and Recreation Board

From: Warren W. Struss, Director
Parks and Recreation Department

Date: October 24, 2006

Subject: Bulkheading at 2607-I River Hills Road.
Case Number SP-06-0121DS

A request has been received from Ben Bailey to construct bulkheading at 2607-I River Hills Road.

A retaining wall, bulkhead, or other erosion protection device must be designed to minimize wave return and reduce wave action. The Parks and Recreation Board shall make a recommendation to the Director on the natural character and design for retaining walls, bulkheading, and other erosion protection devices.

Warren W. Struss, Director
Parks and Recreation Department



Watershed Protection and Development Review Department
P.O. Box 1088, Austin, Texas 78767
One Texas Center, 505 Barton Springs Road
Telephone: (512) 974-6370 Fax: (512) 974-2423

Site Plan Correction Request

Site Plan Case #: SP-06-0121DS Correction #: 1 Expiration Date: _____

Site Address: 2607-1 RIVER HILLS RD., AUSTIN, TX, 78733

Project Name: BRIAN A. BAILEY

- ☐ Site has a City of Austin Certificate of Occupancy.
☒ Site is under construction (provide written verification from the Environmental Inspector).
☐ Site is in an extra-territorial jurisdiction and has a Certificate of Compliance.

Brief /General Description of Correction: PROPOSING TO PLACE STONE BLOCKS ALONG EXISTING BULKHEADING AND BEACH AREA TO CREATE A WAVE BREAK AND CONTROL EROSION

Attach a detailed description of the proposed correction(s) in a memorandum or letter and one redline copy of the proposed correction(s) to a copy of a City of Austin approved site plan that includes the cover sheet.

I, BRIAN A. BAILEY, do hereby certify that I am the
(PRINT NAME)

☒ owner ☐ owner's agent (to act as the owner's agent, written authorization from the owner must be provided) of this described property, and in this capacity, submit this request for a site plan correction. The change(s) are considered "administrative correction(s)" pursuant to Chapter 25-5-61 of the Austin City Code.

Furthermore, I certify and acknowledge that:

1. The approval of this site plan correction request does not constitute authorization to violate any provisions of the Austin City Code or other applicable requirements.
2. I will be responsible and required to seal or certify the correction being made. In addition, a copy of a letter notifying the original consultant of the documents (engineer, architect, landscape architect, or designer) of the proposed corrections shall be submitted and attached to this request.

[Signature]
Signature of Requester

Date: 10.5.06

Address: 11610 BEE CAVES RD., #230, AUSTIN, TX, 78738

Telephone: 512-328-2502

Please indicate how you wish to receive a copy of the results of the review:

☐ Mail ☐ FAX: _____ ☒ E-mail: brian@baileyhomes.com



Benjamin A. Bailey
Brian A. Bailey Homes, Inc.
512.657.1227
11610 Bee Caves Rd., Ste 230
Austin, TX 78738

October 4th, 2006

Mr. Randy Scott
City of Austin Parks Department
P.O. Box 1088
Austin, TX 78767

Dear Mr. Scott,

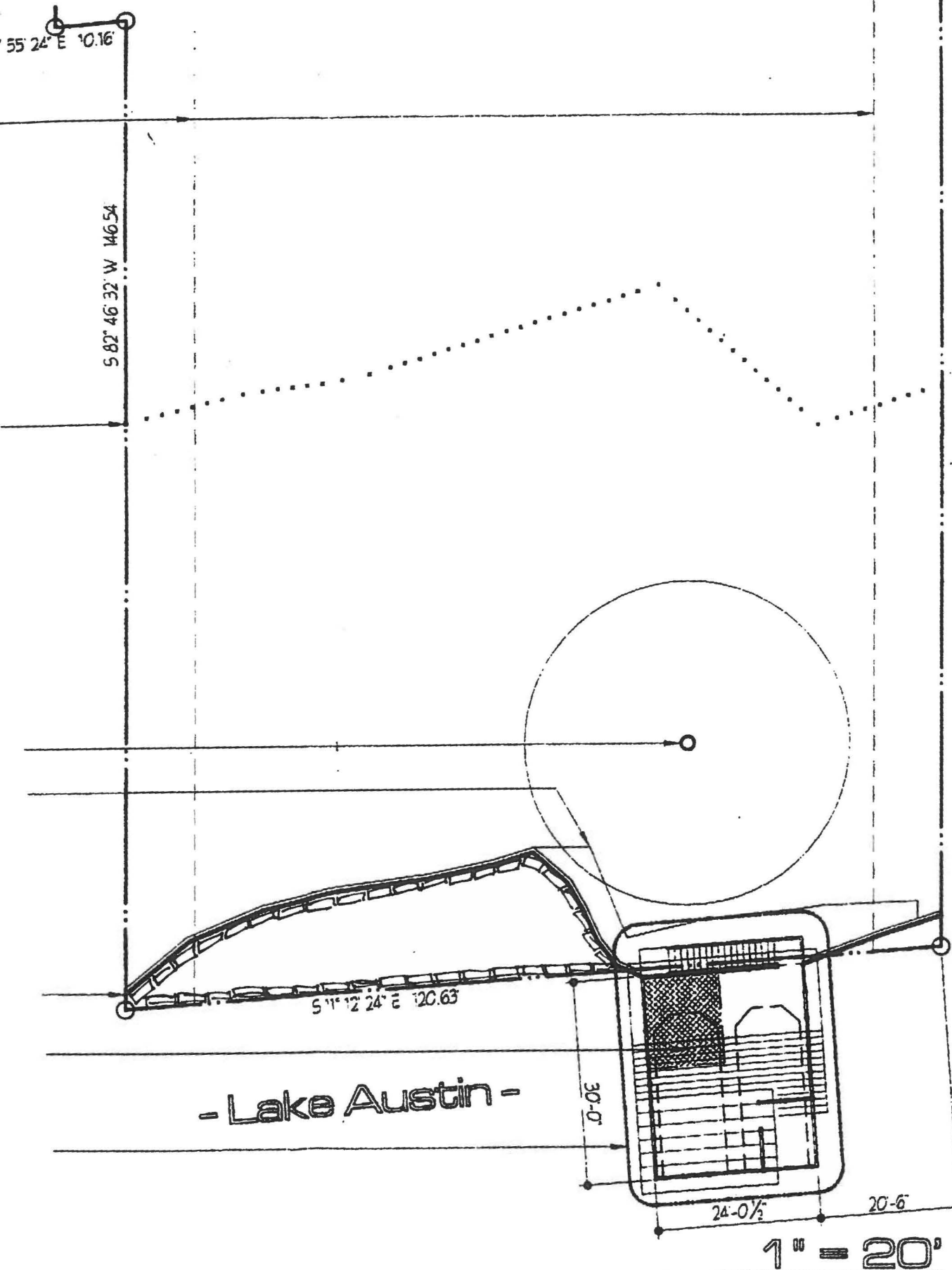
Enclosed you will find the site plan correction request for 2067-I River Hills Road, case # SP-06-0121DS. As per our meeting last week, I have redlined the approved site plan with a layout of the stones that we are proposing to add along the shoreline and beach area which are intended to help with wave and erosion control.

Also included is a detailed profile of the stones resting on the surface with the existing pea gravel as an additional wave buffer along with photos illustrating the site.

Please let me know if I can provide any additional information to help process this correction.

Regards,

Benjamin A. Bailey



P.
FC
VA

T

PAR
PROJ

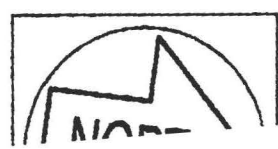


LOT AREA
SHORELINE LENGTH

(1.0443 ACRES)

TABULATIONS:

45491 SQ FT
120.63 L IN FT



Cesar Chavez Conversion

Presentation to the Parks Board,
Land and Facilities Committee

City Council Action on Cesar Chavez

- On July 29, 2004, the City Council passed a resolution that stated:
- Direct the City Manager to determine the best way to convert the five-block long one-way segment of Cesar Chavez to a two-way segment, and to determine the cost.

Roadway Configuration with Urban Design Enhancements approved by City Council on Sept 1st, 2005 .

- Configuration derived after meetings with City staff and the public
- Urban Design, aesthetic, and associated street level improvements derived from public input process

RESOLUTION NO. 20050901-049

WHEREAS, on July 29, 2004, Council passed a resolution which directed the City Manager to determine the best way to convert the five-block long one-way segment of Cesar Chavez Street between Brazos Street and San Antonio Street to a two-way segment, and to determine the cost; and

WHEREAS, to achieve this goal, in the fall of 2004 a consultant team (including City of Austin staff), developed a scope of work including traffic modeling and identification of urban design enhancement opportunities, and performed extensive data collection; and

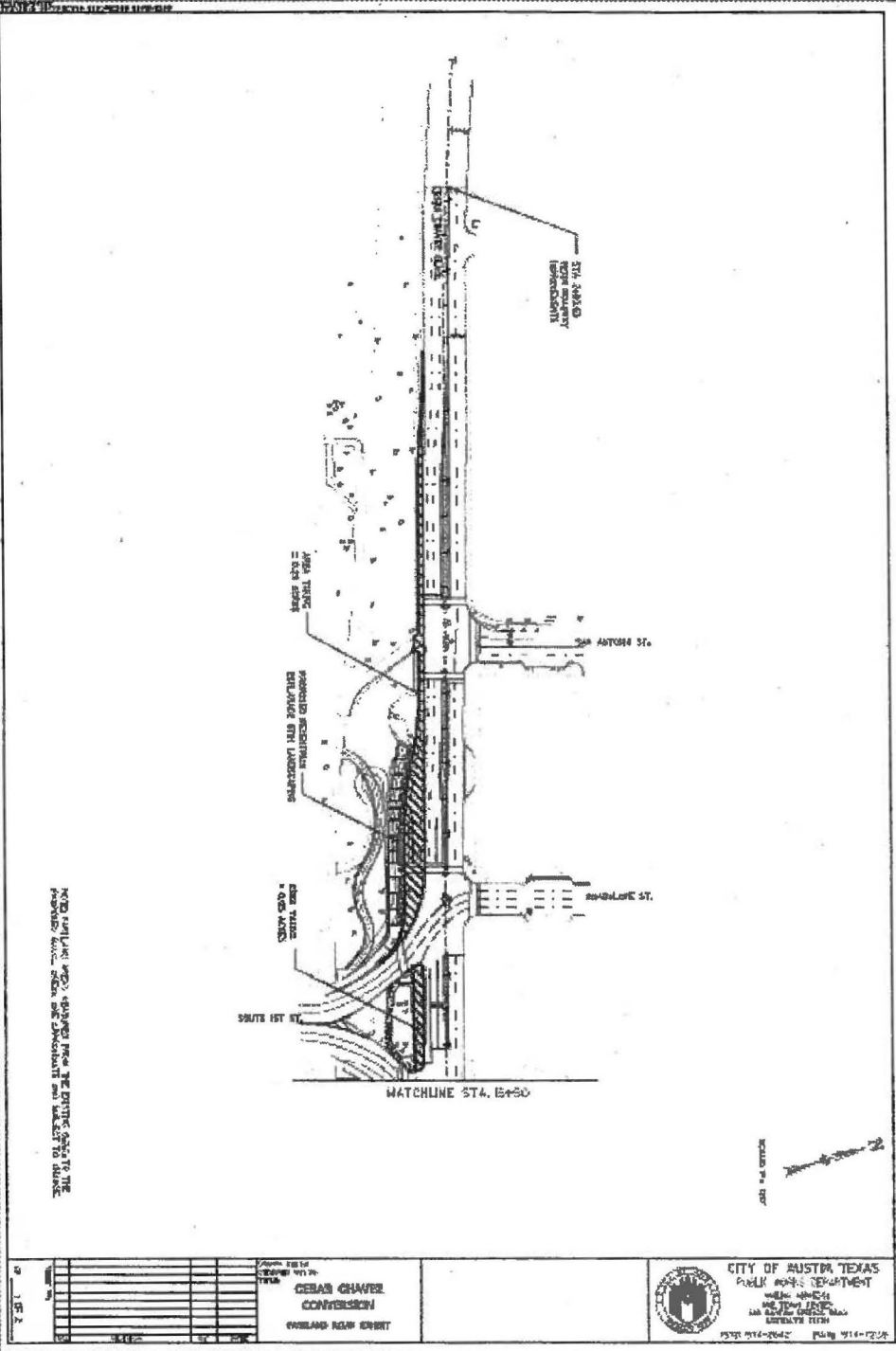
WHEREAS, in the spring of 2005, staff and consultants began meeting with city Boards & Commissions, the Downtown Austin Alliance Streetscape and Transportation Subcommittee, the Downtown Austin Neighborhood Association, and the public (including property owners), to brief them on the scope of the study; and

WHEREAS, in summer 2005, staff and consultants presented the results of the study and staff recommendations on the best way to convert traffic flow, including urban design concepts; NOW, THEREFORE,

Why are we here?

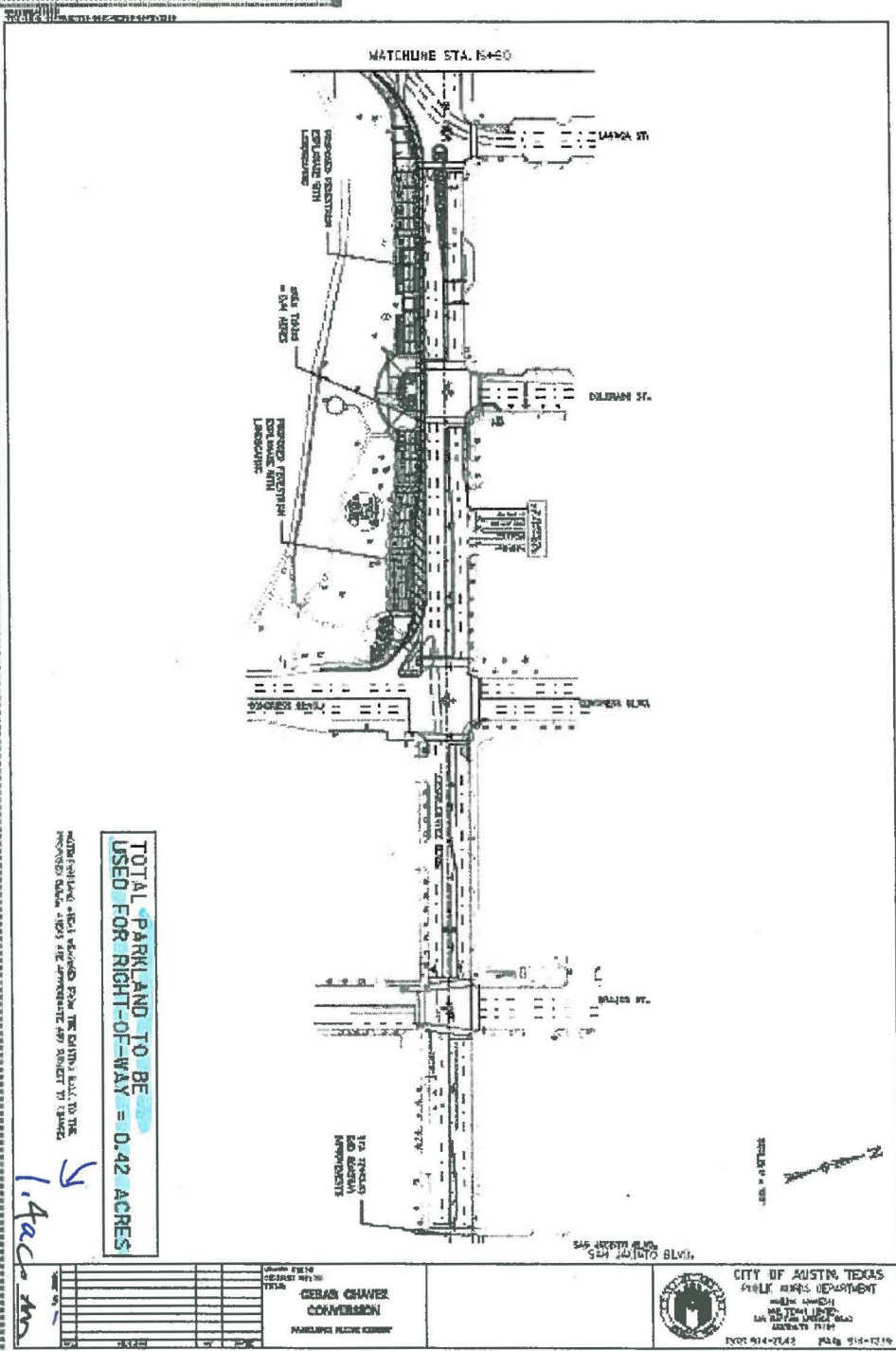
- Proposed changes to Cesar Chavez in area adjacent to park land.
- Chapter 26 of the State Parks and Wildlife Code requires action by the City Council to use park land for another purpose.
- The Council must determine that:
 - There is no feasible and prudent alternative to the use
 - All reasonable measures are being used to minimize harm to the rest of the park land

Parkland to Roadway



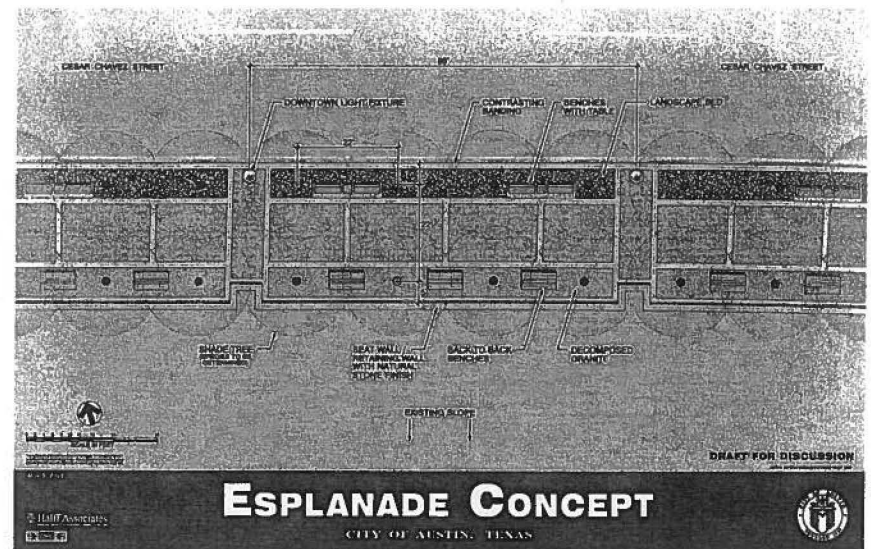
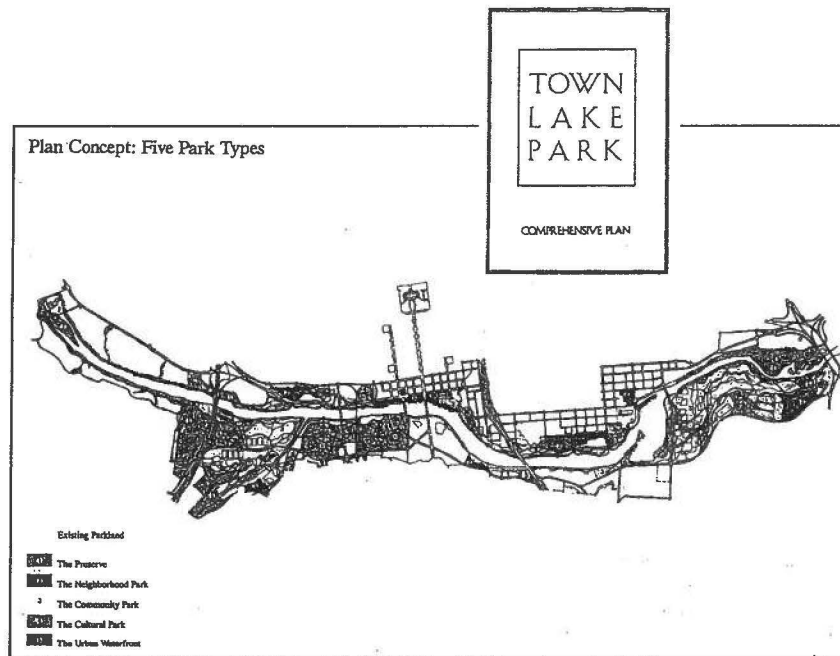
NOTES: SEE SHEET 15+50 FOR THE PROPOSED SIDEWALK, OTHER SEE SHEET 15+50 TO STREET

Parkland to Roadway



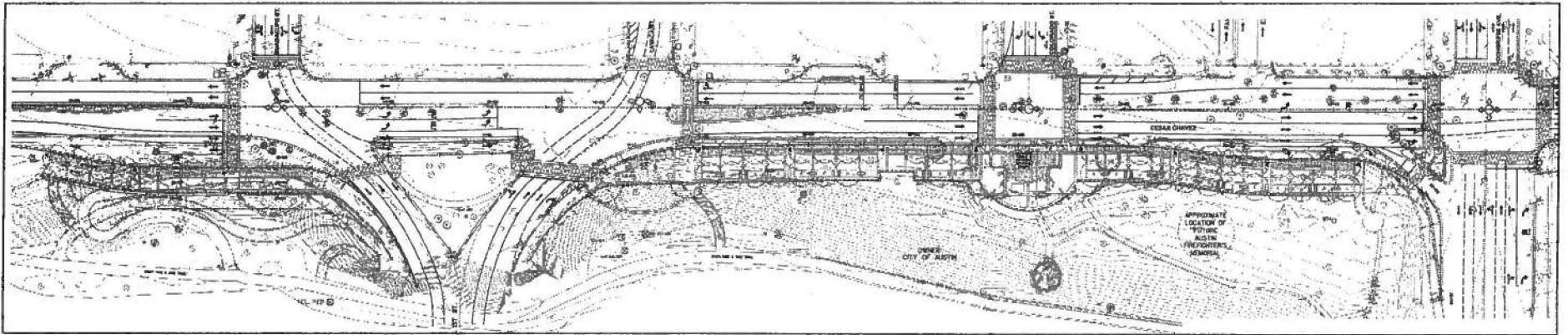
1.42 ac
DANIELSON

Urban Design Improvements are consistent with the: Great Streets Master Plan Schemes developed for the City, and the Town Lake Master Plan, which was adopted by the City of Austin in 1987.



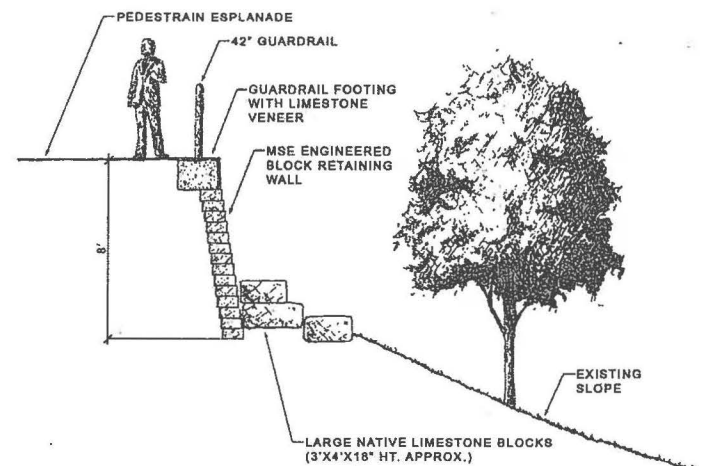
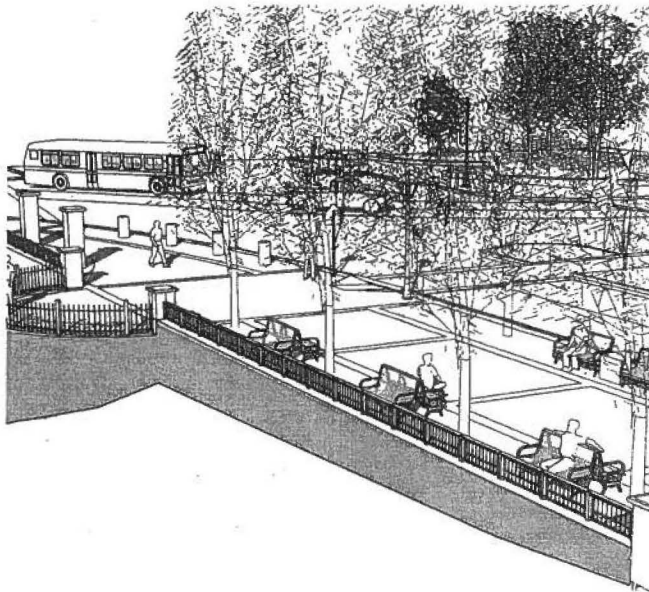
Urban Design Improvements include:

- Improvements to Cesar Chavez street surfaces
- Pedestrian walkway improvements (Esplanade) on the south side of Cesar Chavez, overlooking Town Lake.
- Retaining wall and trail connection that improves visual character and connection to Town Lake Trail
- Opportunities for future trail connections



Urban Design Improvements

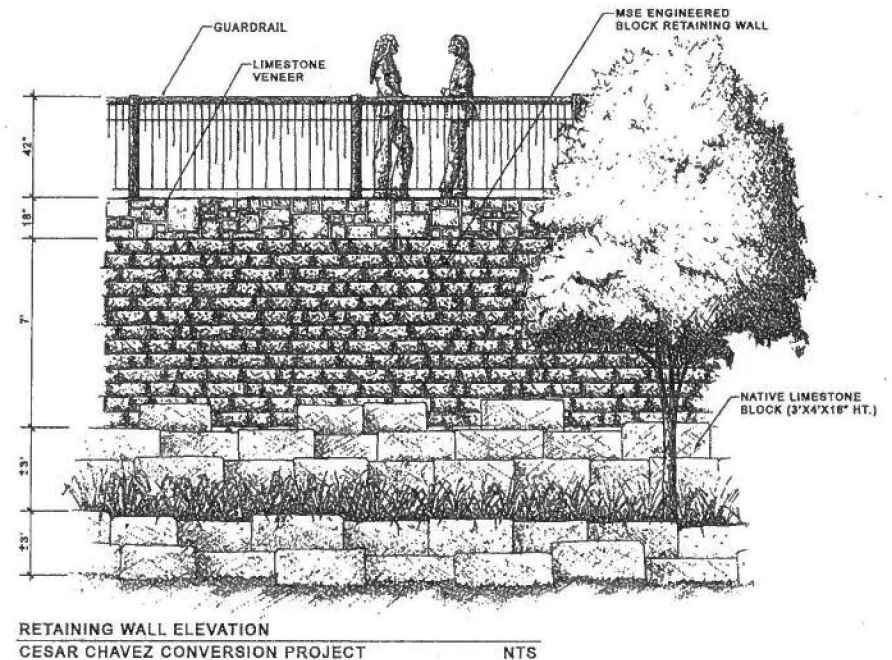
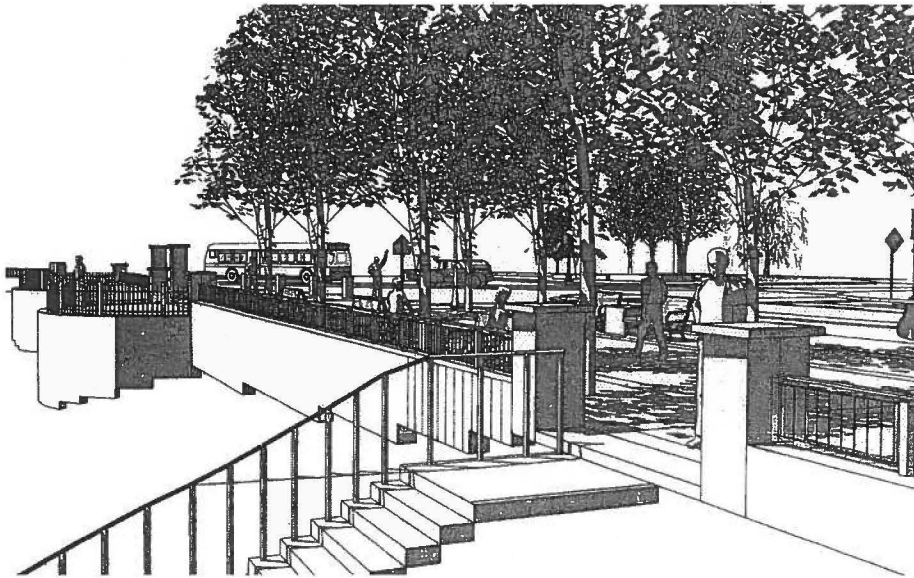
- Pedestrian improvements include retaining walls in some areas of the Project
- Retaining wall designs have been refined by incorporating input from Parks and other City departments (Public Works; Neighborhood Planning and Zoning; Watershed Protection; the City Arborist; Art in Public Places; etc.)



RETAINING WALL SECTION - 8' HEIGHT
CESAR CHAVEZ CONVERSION PROJECT NTS

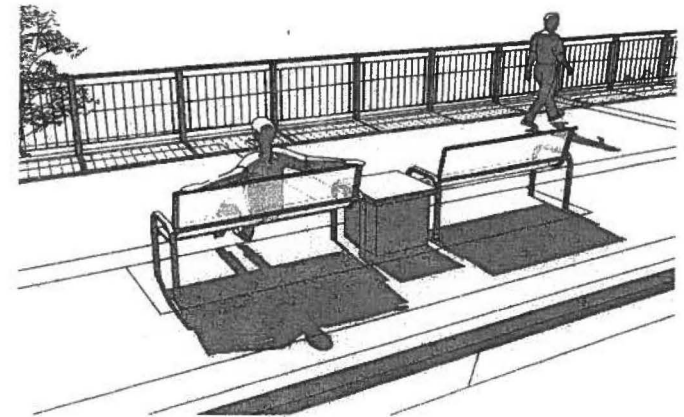
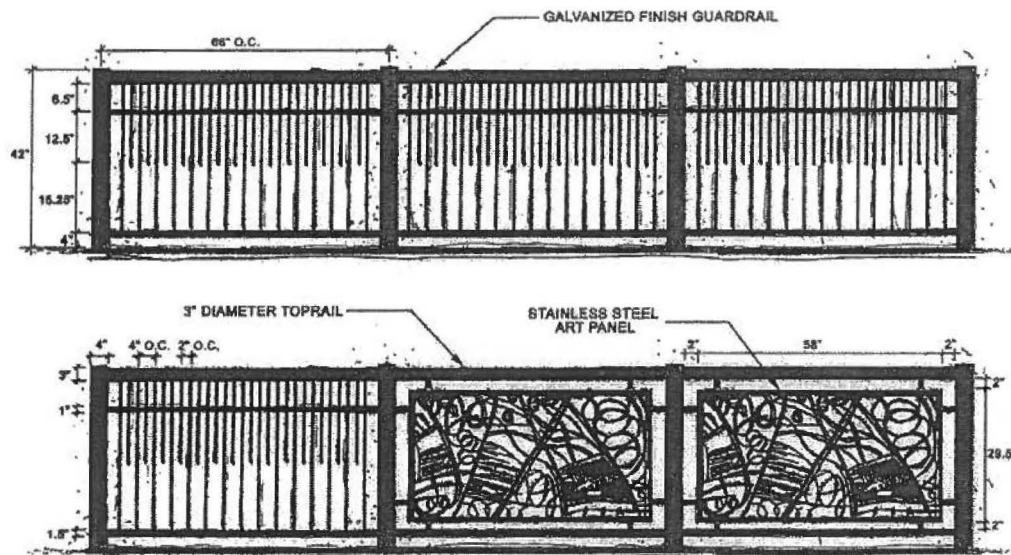
Urban Design Improvements

- Retaining wall heights range from 0-feet to a maximum height of 14-feet on the west side of 1st Street, and 0-feet to a maximum height of 8-feet on the east side of 1st Street.
- Pedestrian improvements include railings along the esplanade, with seating areas that afford views down onto Town Lake.



Urban Design Improvements

- Pedestrian improvements include railings along the esplanade, with seating areas that afford views down onto Town Lake.
- Arts in Public Places Project will be incorporated into the handrail.

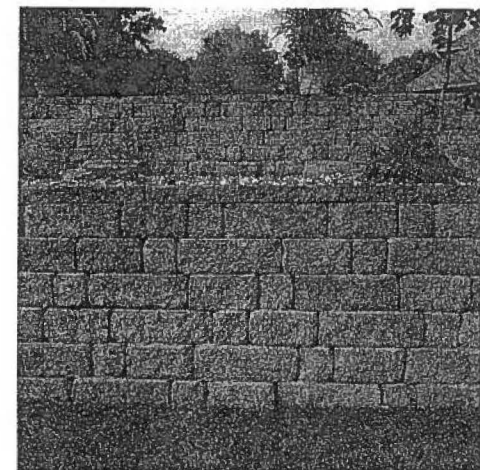
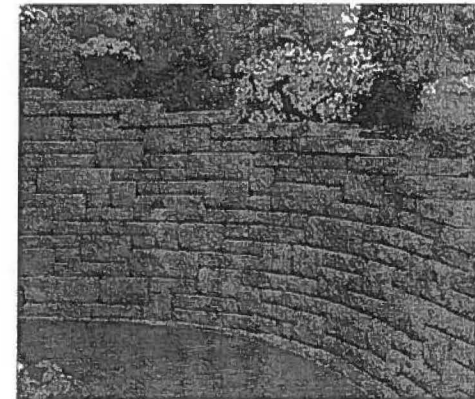
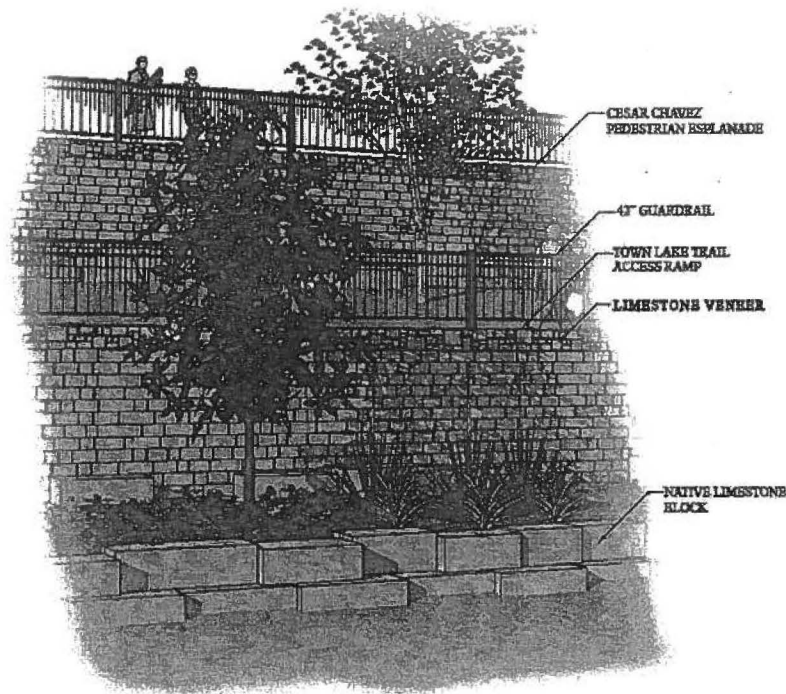


GUARDRAIL OPTION 1 - EXISTING STYLE
CESAR CHAVEZ CONVERSION PROJECT

AUGUST 9, 2006
NTS

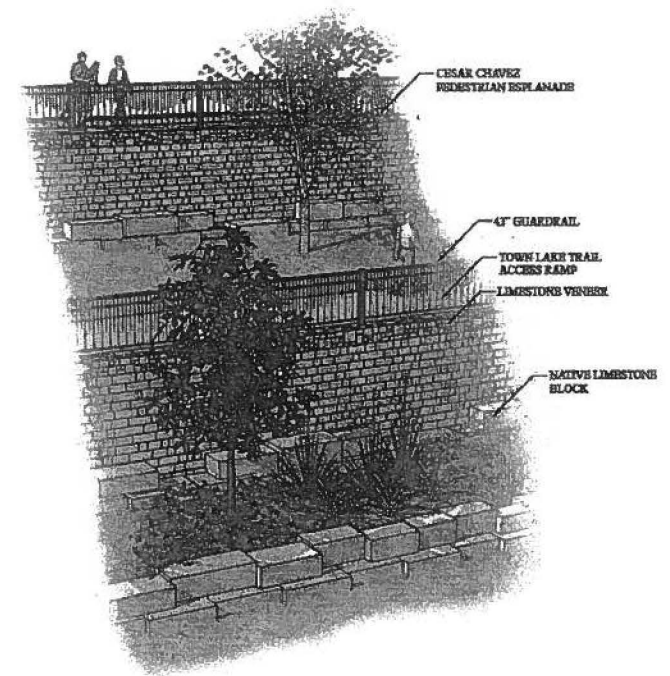
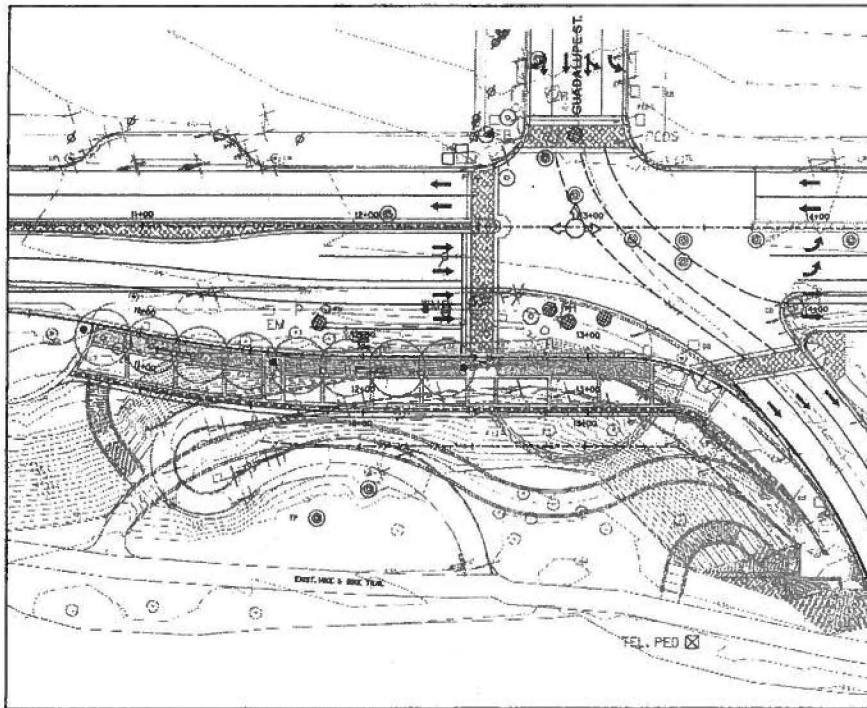
Retaining Wall Design:

- Mechanically Stabilized Earth (MSE) construction
- limestone elements added
- Final design will include an Add Alternate for limestone facade along the wall face



Trail Connection:

- Shared –use path runs from esplanade to Town Lake Trail
- Design is accessible and meets TAS standards
- Ramp designed to eliminate curves, and reduce adjacent retaining wall heights



RETAINING WALL - PERSPECTIVE VIEW 1 - GUADALUPE AREA AUGUST 9, 2006
CESAR CHAVEZ CONVERSION PROJECT NTS

Are there Feasible and Prudent Alternatives?

- The building setbacks along the north side of Cesar Chavez are minimal, therefore sufficient space for the additional lanes is not available.
- Converting Cesar Chavez to two-way flow without widening the street will add significant delays during peak periods

Does this project include all reasonable actions to minimize harm?

- Most of the changes are in areas with significant slopes which are not currently usable for park activities
- Inclusion of storm water facilities will reduce overland flows that in the past have washed out portions of the trail.
- Reconstructed access from the Drake Bridge to the hike and bike trail to the west will be more direct.

Recommendation

■ Staff recommends the approval of the proposal.

SKETCH TO ACCOMPANY LEGAL DESCRIPTION

N



SCALE 1"=200'

ISAAC DECKER
LEAGUE

(OWNER)
-COA-
PERPETUAL
MAINTENANCE
OF CREEK
CHANNEL
Vol. 455, Pg.255
D.R.T.C.

(OWNER)
CITY OF AUSTIN
(ORIG.)
(OWNER)
T.A. MARTIN
Vol. 315, Pg. 170
AND Vol. 441, Pg. 500,
D.R.T.C.

POINT OF
BEGINNING
GRID COORDINATES:
N=10,069,003.7092
E=3,110,545.7083

(120' RIGHT-OF-WAY)
RIVERSIDE

BLOCK A LOT 9

(OWNER)
CITY OF AUSTIN
Vol. 681, Pg. 199
D.R.T.C.
(TRACT NO. TWO)

BLOCK A
LOT 11

1" IRON ROD

MISSOURI PACIFIC
RAILROAD

CALL (N28°13'E 1,245.11')
PARCEL 5103.04
WLEFT-1
(5,113 SQ. FEET)
NO. 030925-18 & Doc. 2003233919

(OWNER)
CITY OF AUSTIN
Vol. 681, Pg. 199
D.R.T.C.
(TRACT NO. ONE)

BLOCK A
LOT 10

BLOCK A
LOT 7

Δ= 33°03'18"
R= 372.77'
T= 110.61'
L= 215.06'
C.L.=212.09'
C.B.=N09°15'14"E

INTERNATIONAL & GREAT
NORTHERN RAILROAD
Vol. 48, Pg. 135
(100' RIGHT-OF-WAY)

Δ= 31°39'30"
R= 292.77'
T= 83.01'
L= 161.77'
C.L.=159.72'
C.B.=S09°57'08"W

S77°38'06"W
80.40'

62,816 SQ. FEET
1.442 ACRES



16/7/06

LEGEND:

D.R.T.C.

()

*

●

EASEMENT LINE

DEED RECORDS TRAVIS COUNTY

RECORDED or previous information

'Plat of the Partition of the ESTATE
of JAMES E. BOULDIN, deceased',
Filed October 23, 1890.-the map of
record is located at *1000 Guadalupe,
Room *117 in the District Court Records
Minute Book U, Page 78ff.

1/2-INCH IRON ROD SET WITH YELLOW
PLASTIC CAP STAMPED 'HALFF ASSC INC'
(UNLESS OTHERWISE NOTED)

0 50 100 200 300 400 600
SCALE IN FEET

NOTE:

- The coordinates shown are based on the Texas State Plane Coordinate System, Central Zone 4203, NAD83(CORS) Datum. The bearings shown are grid bearings. PROJECT coordinates were established from CORS Stations: PID- DF4374= DES- 'AUSTIN RRP2 CORS L1 PHASE CENTER' having GRID values of N= 10086515.8945, E= 3109682.4831, PID- DE7995= DES- 'CARTERBURGESS COOP CORS ARP' having GRID values of N= 10070824.8078, E= 3100333.7408. Combined Scale factor = 0.99987885838. All distances shown are surface distances, US SURVEY FEET.
- This Survey was done without easement and title research.



Halff Associates

ENGINEERS • ARCHITECTS • SCIENTISTS • PLANNERS • SURVEYORS

4030 WEST BRAKER LANE, SUITE 450
AUSTIN, TEXAS 78759-6356
TEL (512) 252-8184 FAX (512) 252-8141

SKETCH TO ACCOMPANY LEGAL DESCRIPTION

SAMUEL GOOCHER SURVEY
ABSTRACT NO. 329

(OWNER)
CITY OF AUSTIN
COMPUTER SCIENCE CORPORATION

BLOCK 1

POINT OF
BEGINNING
GRID COORDINATE
N= 10069562.8951
E= 3111945.0767

SAN ANTONIO
STREET

GUADALUPE
STREET

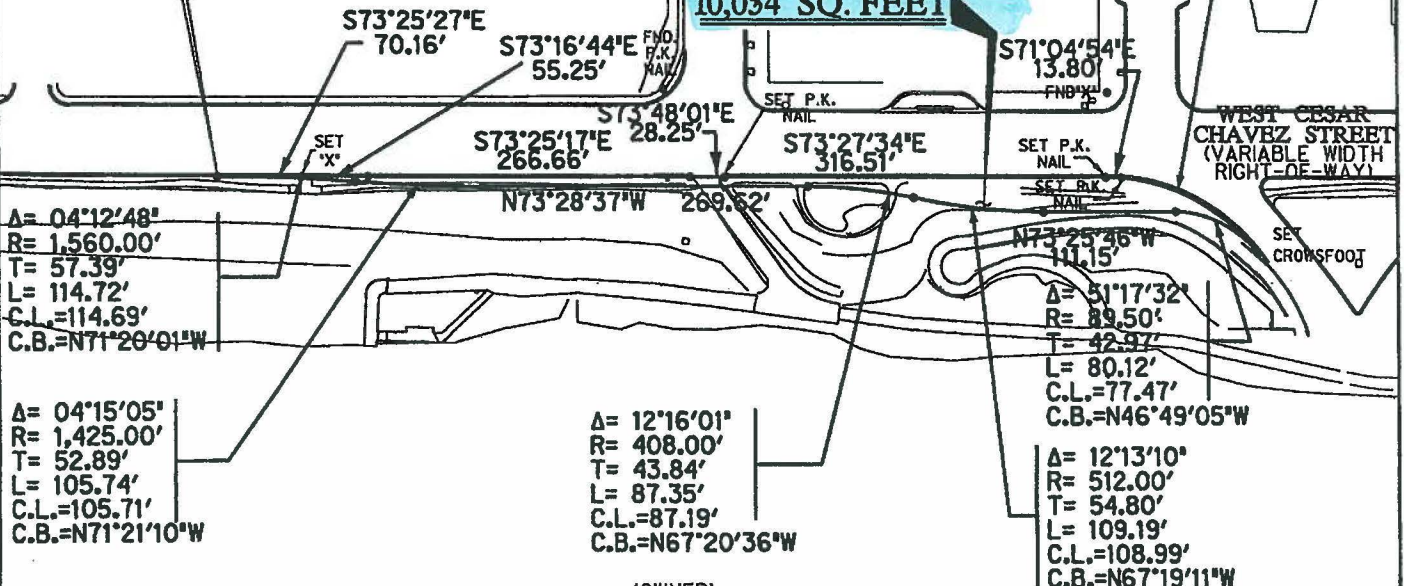
SCALE 1"=200'

$\Delta = 46^{\circ}56'39"$
 $R = 164.29'$
 $T = 71.34'$
 $L = 134.61'$
 $C.L. = 130.87'$
 $C.B. = S44^{\circ}40'57"E$

10,054 SQ. FEET

BLOCK 2

WEST CESAR
CHAVEZ STREET
(VARIABLE WIDTH
RIGHT-OF-WAY)



LEGEND:

T.C.P.R. TRAVIS COUNTY PLAT RECORD
R.O.W. RIGHT-OF-WAY

● 1/2-INCH IRON ROD SET W/YELLOW HALFF CAP
STAMPED 'HALFF ASSOC. INC.'

(UNLESS OTHERWISE NOTED)
D.R.T.C. DEED RECORDS TRAVIS COUNTY

(OWNER)
CITY OF AUSTIN
HOUSE BILL NO. 13
STATE OF TEXAS 35TH
LEGISLATIVE SESSION

TOWN LAKE
Vol. 769, Pg. 57 D.R.T.C.
(Third Tract)

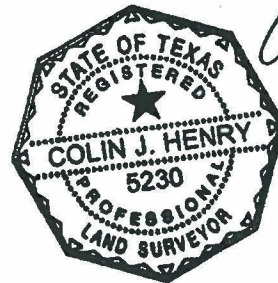


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2) This Survey was done without easement and title research.

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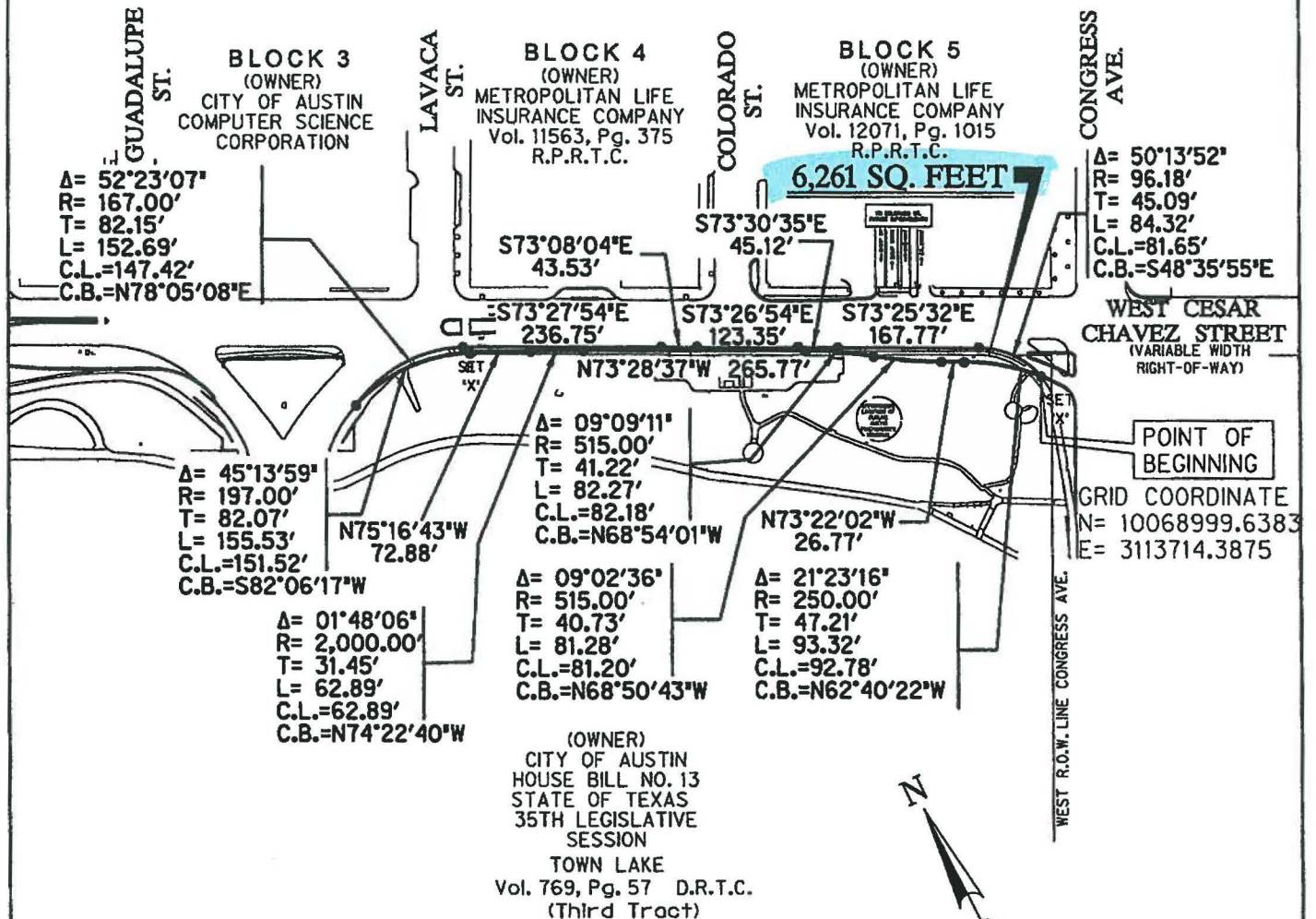
4030 WEST BRAKER LANE, SUITE 450
AUSTIN, TEXAS 78758-5358
TEL (512) 252-8184 FAX (512) 252-8141



Colin J. Henry
10/10/06

PAGE 1 OF 2

SKETCH TO ACCOMPANY LEGAL DESCRIPTION



LEGEND:

R.P.R.T.C. REAL PROPERTY RECORDS TRAVIS COUNTY

R.O.W. RIGHT-OF-WAY

1/2-INCH IRON ROD SET W/YELLOW PLASTIC CAP STAMPED 'HALFF ASSOC. INC' (UNLESS OTHERWISE NOTED)

D.R.T.C. DEED RECORDS TRAVIS COUNTY

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2) This Survey was done without easement and title research.

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4030 WEST BRAKER LANE, SUITE 450
AUSTIN, TEXAS 78759-5356
TEL (512) 252-8184 FAX (512) 252-8141



Colin J. Henry
10/10/06

SCALE 1"=200'

0 50 100 200 300 400 600
SCALE IN FEET

SKETCH TO ACCOMPANY LEGAL DESCRIPTION

SAMUEL GOOCHER SURVEY
ABSTRACT NO. 329



COLORADO
STREET

LAVACA
STREET

$\Delta = 107^{\circ}54'36''$
R= 7.31'
T= 10.04'
L= 13.77'
C.L.=11.82'
C.B.=N52°21'16"E

(OWNER)
CITY OF AUSTIN
BLOCK 3
CITY HALL

2,202 SQ. FEET

$\Delta = 22^{\circ}18'42''$
R= 16.37'
T= 3.23'
L= 6.37'
C.L.=6.33'
C.B.=N09°54'30"W

WEST CESAR
CHAVEZ STREET
(VARIABLE WIDTH
RIGHT-OF-WAY)

$\Delta = 122^{\circ}17'57''$
R= 14.50'
T= 26.32'
L= 30.95'
C.L.=25.40'
C.B.=S14°41'49"E

N22°42'45"W
11.36'

SET I.R.
POINT OF
BEGINNING

GRID COORDINATE
N= 10069288.0027
E= 3112781.4127

$\Delta = 129^{\circ}14'43''$
R= 5.00'
T= 10.54'
L= 11.28'
C.L.=9.04'
C.B.=S41°54'03"W

So. 1st STREET

$\Delta = 122^{\circ}10'19''$
R= 6.00'
T= 10.86'
L= 12.79'
C.L.=10.50'
C.B.=N14°11'37"W

$\Delta = 01^{\circ}48'06''$
R= 2,000.00'
T= 31.45'
L= 62.89'
C.L.=62.89'
C.B.=N74°22'40"W

LEGEND:

T.C.P.R. TRAVIS COUNTY PLAT RECORD
R.O.W. RIGHT-OF-WAY
● 1/2-INCH IRON ROD SET W/YELLOW PLASTIC
CAP STAMPED 'HALFF ASSOC. INC'
(UNLESS OTHERWISE NOTED)
D.R.T.C. DEED RECORDS TRAVIS COUNTY

(OWNER)
CITY OF AUSTIN
HOUSE BILL NO. 13
STATE OF TEXAS 35TH
LEGISLATIVE SESSIONS
TOWN LAKE
Vol. 769, Pg.57 D.R.T.C.
(Third Tract)

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2) This Survey was done without easement and title research.



SCALE IN FEET
SCALE 1"=50'



[Signature]
10/10/06

Halff Associates

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4030 WEST BRAKER LANE, SUITE 450
AUSTIN, TEXAS 78759-5358
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PAGE 1 OF 2

City of Austin

Emergency Operations Plan

Special Operations Plan

Waterway Restriction Guide

DRAFT 6
September 18, 2006

Approved by

Otis J. Latin Sr.
Emergency Management Director
Office of Emergency Management

I. OVERVIEW OF PLAN

The City of Austin is located along the Texas Colorado River. The Lower Colorado River Authority (LCRA) operates various flood control dams long the river. LCRA, under rules set by the U.S. Corps of Engineers, regulates the water flow through the various dams by the use of floodgates.

During heavy rain periods in the Austin area or upstream from Austin, the LCRA may open floodgates on Mansfield Dam and Tom Miller Dam. Similarly, the City of Austin operates the floodgates on Longhorn Dam.

Open floodgates cause water levels to rise and currents to increase on Lake Austin and on Town Lake, as well as on the portion of the Colorado River below Longhorn Dam.

These increased water levels and rapid currents can endanger the safety of persons and their property along the waterway as well as those who use the waterway for commercial or recreational purposes.

Additionally, local creek and stream flooding can quickly create dangerous conditions along these waterways.

Other factors such as debris and the effect of hydrilla on the waterway can create additional hazards.

Under Sections 8-5-21 and 8-5-22 of the City of Austin Code, the Fire Chief may restrict use of waterways within the City limits.

The goal of this document is to establish guidelines that can be used by the Fire Chief and the other involved Departments in determining what restrictions are needed on the various waterways. These restrictions are designed to:

- Protect the public from unsafe conditions on and along waterways.
- Protect public and private property on and along the waterways.
- Minimize waterway rescues and maintain available emergency resources during flood events.

This document is only a guideline. Each flooding incident must be evaluated on its own merits and appropriate orders must be issued.

This document has been jointly developed by the following Departments:

The City of Austin Fire Department

The City of Austin Parks and Recreation Department

The City of Austin Public Safety and Emergency Management Department- Parks Public Safety

The City of Austin Watershed Protection and Development Review Department

The City of Austin Office of Emergency Management

This plan has also been coordinated with the Lower Colorado River Authority Office of Emergency Management.

Following a major rain or flooding event, the City of Austin, Office of Emergency Management (OEM) will convene a team of personnel from the above departments to review waterway issues and make waterway restriction recommendations to the City of Austin Fire Chief. The Chief, or his designee, will issue all Waterway Restriction Orders.

II. FACILITIES ALONG AREA WATERWAYS

LAKE TRAVIS:

- **Quick Facts:**
 - Elevation when full: 681 feet above mean sea level (msl)
 - Normal operating range: at or below 681 feet above msl
 - Spillway elevation: 714 feet above msl
 - Top of dam: 750 feet above msl
 - Volume when full: 1,131,650 acre-feet
 - Historic high: 710.4 feet above msl on Dec. 25, 1991
 - Historic low: 614.2 feet above msl on Aug. 14, 1951
 - 100-year flood level at dam: 716 feet above msl
 - 500-year flood level at dam: 728.5 feet above msl
- **Lake Level Data:**
(Click on Lake Level Data / Mansfield Dam)
http://hydromet.lcra.org/text_index.html
- **LCRA Information Link:**
<http://www.lcra.org/water/mansfield.html>
- **Political Jurisdiction:**
 - Travis County
- **Normal Emergency Response**
 - Law Enforcement: LCRA Rangers / Travis County Sheriff
 - Fire: Various
 - EMS: Austin- Travis County EMS

MANSFIELD DAM:

- **Mapsco:** 491E
- **Quick Facts:**
 - Floodgates: 24
 - Total discharge capacity: 130,000 cubic feet per second (cfs)
 - 24 floodgates @ 5,000 cfs each
 - 3 turbines @ 2,500 cfs each
- **LCRA Information Link:**
<http://www.lcra.org/water/mansfield.html>
- **Owned by LCRA**
- **Political Jurisdiction:**
 - Travis County above South Face of Dam?
 - City of Austin below South Face of Dam?
- **Normal Emergency Response**
 - Law Enforcement: LCRA Rangers / Travis County Sheriff
 - Fire: Hudson Bend Fire (Dam and Above) Austin Fire (Below)
 - EMS: Austin- Travis County EMS

LAKE AUSTIN:

- **Quick Facts:**
 - Elevation when full: 492.8 feet above mean sea level (msl)
 - Normal operating range: 491.8 to 492.8 feet above msl
 - Spillway elevation: 492.8 feet above msl
 - Top of dam: 519 feet above msl
 - Volume when full: 21,725 acre-feet
 - Historic high: 495.2 feet above msl on May 25, 1981
 - Historic low: 474.3 feet above msl on Feb. 17, 1963
 - 100-year flood level at dam: 493 feet above msl
 - 500-year flood level at dam: 503.25 feet above msl
 - Dimensions: 20.25 miles long, 1,300 feet at widest point
- **LCRA Information Link:**
<http://www.lcra.org/water/miller.html>
- **Political Jurisdiction:**
 - City of Austin to a point 10 feet above waterline.
- **Normal Emergency Response**
 - Law Enforcement: Parks Police
 - Fire: Austin Fire
 - EMS: Austin- Travis County EMS

TOM MILLER DAM:

- **Mapsc0: 584A**
- **Quick Facts**
 - Floodgates: 9
 - 4 large floodgates @ 15,500 cfs each
 - 5 small floodgates @ 8,800 cfs each
 - Total discharge capacity: 110,000 cubic feet per second (cfs)
 - 2 turbines @ 2,000 cfs each
- **Generating capacity: 17.3 megawatts**
- **LCRA Information Link:**
<http://www.lcra.org/water/miller.html>
- **Owner:** City of Austin- Leased to LCRA until 2020
- **Political Jurisdiction:**
 - City of Austin
- **Normal Emergency Response**
 - Law Enforcement: PSEM- Parks Public Safety/ LCRA Rangers
 - Fire: Austin Fire
 - EMS: Austin- Travis County EMS

TOWN LAKE:

- **Quick Facts:**
 - Elevation 428.25 feet above mean sea level (msl)
 - Normal operating 428.25 feet above msl- constant level
 - Spillway elevation (overflow) 429.7 feet above msl
 - Emergency Spillway Elevation 434 feet above msl
 - Top of dam: 464 feet above msl
 - Dimensions: 5.4 miles long, 3144 feet at widest point
- **Political Jurisdiction:**
 - City of Austin
- **Normal Emergency Response**
 - Law Enforcement: PSEM- Parks Public Safety
 - Fire: Austin Fire
 - EMS: Austin- Travis County EMS

LONGHORN DAM:

- **Quick Facts: 615H**
 - Floodgates:
 - 2 automatic at @ 3980 cfs each
 - 7 manual gates at 8400 cfs each
 - Total discharge capacity: 62,778 cubic feet per second (cfs)
- **Owner:** City of Austin- Austin Energy
- **Political Jurisdiction:**
 - City of Austin
- **Normal Emergency Response**
 - Law Enforcement PSEM- Parks Public Safety / Austin Police
 - Fire: Austin Fire
 - EMS: Austin- Travis County EMS

III. MANSFIELD DAM AND DOWNSTREAM FLOODGATE OPERATIONS

Overview:

LCRA will typically begin to open flood gates on Mansfield dam when the level of Lake Travis is expected to go above the elevation shown below:

January	685 ft. above msl.
February	685 ft. above msl.
March	685 ft. above msl.
April	685 ft. above msl.
May	691 ft. above msl.
June	691 ft. above msl.
July	685 ft. above msl.
August	685 ft. above msl.
September	691 ft. above msl.
October	691 ft. above msl.
November	691 ft. above msl.
December	691 ft. above msl.

When possible, gate operations are adjusted to lower the level of Lake Travis, while minimizing downstream flooding.

Floodgates on Tom Miller Dam and Longhorn dam are adjusted to parallel Mansfield Dam Operations. Additional inflow of water from creeks may cause the need for additional gate openings at these facilities.

Under certain conditions, there may be gate operations at Tom Miller Dam (alone) that cause hazardous conditions on Lake Austin upstream from the dam.

During these gate operations, it may be unsafe to use Lake Austin and Town Lake for a variety of reasons:

- Debris in the waterway.
- Potential additional damage to property along the lakes.
- Potential hazards around open dam gates.
- Swift currents that may overwhelm non-motorized boats and those with small motors.
- The potential of additional hazards caused by floating hydrilla mats.

The below charts show the impact of Mansfield Dam floodgates on Austin waterways and the recommended , as well as ordinance required, actions.

EFFECT OF MANSFIELD GATE OPERATIONS							
FEATURE (Mapsco Page)	GENERATION	1 GATE	2 GATES	3 GATES	4 GATES	5 GATES OR MORE	NOTES
Water flow/added	7,500 cfs	5,700 cfs	5,700 cfs	5,700 cfs	5,700 cfs	5,700 each	
Total water flow from Mansfield	7,500 cfs	13,200 cfs	18,900 cfs	24,600 cfs	30,300 cfs	36,000 cfs +	
Mansfield Dam (491E)							
Low Water Crossing Bridge (491E)				Bridge Floods (Close)??			
Docks Along Waterway (491, 521, 520)			Docks 3'- 4' underwater		Docks Completely Underwater		
Homes and Spa on N. Side (550 C & D)				Water near or in Homes - w/Hydrilla	Water in homes		
Tom Miller Dam (584A)							Any gate operations may cause safety concerns for boaters near face of dam. Waterflow/ Gates may reflect additional flow from Austin Creeks.
Park at Red Bud Island (584A)			Close				
Red Bud Trail (584A)						Roadway overtops	
Ceaser Chavez Under Lamar (584Z)				Water over Road (Check ASAP and Close lane or Road)	Water over Road	Water over Road	
South bank past Congress (615)						Est. 9 Gates. Water in buildings (not confirmed)	
Longhorn Dam (615H)						>45,000 cfs total, Dam Overtops	

TYPICAL WATERWAY CLOSURES BASED ON MANSFIELD DAM GATES							TYPICAL WATERWAY CLOSURES BASED ON TOM MILLER DAM GATES
TYPICAL CLOSURE INFORMATION	GENERATION	1 GATE AT MANSFIELD	2 GATES AT MANSFIELD	3 GATES AT MANSFIELD	4 GATES AT MANSFIELD	5 OR MORE GATES AT MANSFIELD	ANY GATE OPERATION (PARTIAL OR FULL)
Typical Effect	Increased Water Levels Near Mansfield Dam	Dock and Shoreline effected from Mansfield to MM 14	Docks Flooded and potential Wake problems to property from Mansfield to Emma Long Park (MM 4.5)	Low Water Crossing Bridge Closed. Water over docks and near homes from Mansfield to MM 14	Water in homes near MM 15. Upstream Docks completely covered.		Increased current on Lake Austin near upper face of Dam
Required Closure (Per City Code 8-5-22 A)	None	None	None	-Close L.A. Between Mansfield and Loop 360	-Close L.A. Between Mansfield and Loop 360. -Close all of Town Lake	-Close L.A. Between Mansfield and Loop 360. -Close all of Town Lake	None
Typical Closure ordered by Fire Chief	None	<u>Close:</u> -L.A. From Walsh Landing to Tom Miller -T.L From Tom Miller to Red Bud Trail. <u>Consider Closure:</u> -L.A. From Mansfield to Commons Ford depending on Hydrilla - All of T.L. depending on flow from creeks, etc.	<u>Close:</u> -L.A. From Mansfield to Commons Ford. - L.A. From Walsh Landing (include Walsh Landing) to Tom Miller. - All of Town Lake. - Colorado River Below Longhorn Dam.	<u>Close:</u> - Lake Austin -Town Lake -Colorado River below Longhorn.	Same as 3 Gates	Same as 3 Gates: Permit Property Recovery only if property may threaten structures (Bridges, Dams).	<u>Close:</u> -L.A. Downstream of Oyster Landing boat docks to Tom Miller Dam.
Typical "Special Permit" Use (Per City Code 8-5-22 C)	N/A	Property Recovery only.	Property recovery only	Property recovery only	Property recovery only	Hi-risk property recovery only.	Property Recovery Only.

IV. BARTON CREEK

Barton creek can rise very quickly after a storm. Areas above Barton Springs Pool are known for challenging whitewater. During low flow conditions, the creek is typically not navigable. During high flow conditions the creek can quickly move from challenging to extremely dangerous.

Flow rates on Barton Creek at Loop 360 can be viewed at:

http://waterdata.usgs.gov/tx/nwis/uv?format=html&period=2&site_no=08155300

The following table shows recommended actions for various flow-rates on the creek.

BARTON CREEK				
USGS Sensor on Barton Creek at Loop 360	0-350 CFS	350 -750 CFS	750- 1500 CFS	> 1500 CFS
Action by Fire Chief	Open-Recommended Use Below	Open-Recommended Use Below	Open-Recommended Use Below	Waterway is CLOSED
Condition:	Recreational Flow	Challenging Flow	Dangerous Flow	Closed
Recommended use of Waterway:	-Kayaks OK -Canoes and other watercraft OK -Swimming Tubing, OK	-Kayaks OK - Canoes and other watercraft OK - Swimming Tubing, NO	-Hard-shell Kayaks with helmet and Type III PFD OK. -No other use.	Closed

Special Notes:

The below factors, in addition to the stream flow rates, must be considered when determining the closure or reopening plan for Barton Creek:

- The amount of debris in and along the waterway.
- Upstream rainfall.
- Additional predicted rainfall on the creek.

V. OTHER CREEKS

The status of Streams and Creeks, other than Barton Creek, should be reviewed after any major storm and closed if needed. Generally, levels on these waterways will drop fairly quickly and can be reopened within 24 to 48 hours after the flooding event.

VI. TIMING OF RESTRICTIONS

Generally, restrictions will be placed in-effect as soon as possible after an event.

By City Code, restrictions must include an expiration date no later than the 5th day after being posted. However, the Fire Chief may issue another ban if conditions persist (City Code 8-5-22 A2).

The Office of Emergency Management and the Waterway Restriction Team should coordinate closely with LCRA to determine when gates are likely to be closed.

Stream, Creek, and Barton Creek restrictions will last 1-2 days and may be issued on an Order separate from those for Lake Austin and Town Lake. This will allow these stream restrictions to be modified or cancelled as soon as conditions warrant.

It takes approximately 2 hours for water levels to drop after a gate is closed at Mansfield Dam. Restrictions should be timed appropriately.

Many times LCRA will close more than one gate within a few hours. Depending on the closure schedule, it may be best to time modification of Orders to expire at the end of a closing sequence. Frequent changes in Orders are confusing to the public and difficult to post / enforce.

Typically, restrictions will be designed to expire at Noon. This gives the team time make an early-morning assessment, hold a coordination meeting at 10 AM and post new restrictions prior to Noon.

VII. NOTIFICATION

The following steps are needed when an order is issued:

- It must be posted at City Hall.
- City PIO must do a news release and send it to all local TV and Radio stations.
- The OEM Emergency Conditions Web Page must be updated.
- OEM should send an AWACS News Page
- City 3-1-1 and 9-1-1 staff as well as APD, AFD, A/TCEMS and TCSO dispatch should be notified.

VIII. SAMPLE WATERWAY RESTRICTION ORDERS (Creeks Only) ORDER

FLOODWATER and WATERCRAFT BAN

BE IT KNOWN:

Flooding has occurred from storms that began during the week of November 15, 2004.

These conditions have created high and swift waters, which combined with debris, has made the recreational, commercial, and navigational use of all creeks and streams within the City of Austin unsafe.

- Under the Authority of Section 8-5-21 of the Austin City Code, I hereby determine that flood conditions exist in all streams and creeks within the City of Austin.

Said waterways are collectively the "Flood Ban Area."

I hereby ORDER a ban on all commercial or navigational boating in and all recreational use of the Flood Ban Area.

Persons are advised that it is an offense to violate this ORDER or to attempt a low water crossing of any road that has been barricaded.

Watercraft illegally being operated on waters in the Flood Ban Area may be impounded.

Persons should contact the City of Austin Parks Police Headquarters at 2500 Columbus Drive, Austin, during business hours, to receive written authorization to secure property in the Flood Ban Area. Proof of ownership or occupancy is required.

Posted at City Hall on this 23rd day of November, 2004.

This ORDER is effective at 12 Noon, Tuesday, November 22, 2004 and expires at 9 A.M., Wednesday, November 23, 2004.

BY: _____

Fire Chief
City of Austin

(4 Gates and All Creeks)
ORDER

FLOODWATER and WATERCRAFT BAN

BE IT KNOWN:

Flooding has occurred from storms that began during the week of _____.
Additional floodwaters are entering City of Austin waterways from waters discharged at Mansfield Dam by the Lower Colorado River Authority.

These conditions have created high and swift waters, which combined with debris, has made the recreational, commercial and navigational use of Lake Austin, Town Lake, the portion of the Colorado River below Longhorn Dam, and Creeks within the City of Austin unsafe.

Under the Authority of Section 8-5-21 of the Austin City Code, I hereby determine that flood conditions exist in the following described rivers, or lakes:

- Lake Austin
- Town Lake
- Colorado River below Longhorn Dam
- All creeks within the City of Austin

Said waterways are collectively the "Flood Ban Area."

I hereby ORDER a ban on all commercial or navigational boating in and all recreational use of the Flood Ban Area.

Persons are advised that it is an offense to violate this ORDER or to attempt a low water crossing of any road that has been barricaded.

Watercraft illegally being operated on waters in the Flood Ban Area may be impounded.

Persons should contact the City of Austin Parks Police Headquarters at 2500 Columbus Drive, Austin, during business hours, to receive written authorization to secure property in the Flood Ban Area. Proof of ownership or occupancy is required.

Posted at City Hall on this the ____ day of _____, 20__.

This ORDER is effective at _____(time and date). and expires at (time and date).

BY: _____

Fire Chief
City of Austin

(4 Gates) **ORDER**

FLOODWATER and WATERCRAFT BAN

BE IT KNOWN:

Flooding has occurred from storms that began during the week of November 15, 2004. Additional floodwaters are entering City of Austin waterways from waters discharged at Mansfield Dam by the Lower Colorado River Authority.

These conditions have created high and swift waters, which combined with debris, has made the recreational, commercial, and navigational use of Lake Austin, Town Lake, the portion of the Colorado River below Longhorn Dam unsafe.

Under the Authority of Section 8-5-21 of the Austin City Code, I hereby determine that flood conditions exist in the following described rivers, or lakes:

- Lake Austin
 - Town Lake
 - Colorado River below Longhorn Dam
- Said waterways are collectively the "Flood Ban Area."

I hereby ORDER a ban on all commercial or navigational boating in and all recreational use of the Flood Ban Area.

Persons are advised that it is an offense to violate this ORDER or to attempt a low water crossing of any road that has been barricaded.

Watercraft illegally being operated on waters in the Flood Ban Area may be impounded.

Persons should contact the City of Austin Parks Police Headquarters at 2500 Columbus Drive, Austin, during business hours, to receive written authorization to secure property in the Flood Ban Area. Proof of ownership or occupancy is required.

Posted at City Hall on this 24th day of November, 2004.

This ORDER is effective at 12 Noon, Wednesday, November 24, 2004 and expires at 12 Noon, Monday, November 29, 2004.

BY: _____

Fire Chief
City of Austin

(3 Gates) ORDER

FLOODWATER and WATERCRAFT BAN

BE IT KNOWN:

Flooding has occurred from storms that began during the week of November 15, 2004. Additional floodwaters are entering City of Austin waterways from waters discharged at Mansfield Dam by the Lower Colorado River Authority.

These conditions have created high and swift waters, which combined with debris, has made the recreational, commercial, and navigational use of Lake Austin, Town Lake, the portion of the Colorado River below Longhorn Dam unsafe.

Under the Authority of Section 8-5-21 of the Austin City Code, I hereby determine that flood conditions exist in the following described rivers, or lakes:

- Lake Austin
 - Town Lake
 - Colorado River below Longhorn Dam
- Said waterways are collectively the "Flood Ban Area."

I hereby ORDER a ban on all commercial or navigational boating in and all recreational use of the Flood Ban Area.

Persons are advised that it is an offense to violate this ORDER or to attempt a low water crossing of any road that has been barricaded.

Watercraft illegally being operated on waters in the Flood Ban Area may be impounded.

Persons should contact the City of Austin Parks Police Headquarters at 2500 Columbus Drive, Austin, during business hours, to receive written authorization to secure property in the Flood Ban Area. Proof of ownership or occupancy is required.

Posted at City Hall on this 29th day of November, 2004.

This ORDER is effective at 12 Noon, Monday, November 29, 2004 and expires at 8 AM, Thursday, December 2, 2004.

BY: _____

Fire Chief
City of Austin

(2 Gates) ORDER

FLOODWATER and WATERCRAFT BAN

BE IT KNOWN:

Flooding has occurred from storms that began during the week of November 15, 2004. Additional floodwaters are entering City of Austin waterways from waters discharged at Mansfield Dam by the Lower Colorado River Authority.

These conditions have created high and swift waters, which combined with debris, has made the recreational, commercial, and navigational use of Town Lake, portions of Lake Austin, and the portion of the Colorado River below Longhorn Dam unsafe.

Under the Authority of Section 8-5-21 of the Austin City Code, I hereby determine that flood conditions exist in the following described rivers, or lakes:

- Lake Austin- Except for the area upstream of Walsh Landing to Commons Ford
- Town Lake
- Colorado River below Longhorn Dam

Said waterways are collectively the "Flood Ban Area."

I hereby ORDER a ban on all commercial or navigational boating in and all recreational use of the Flood Ban Area.

Persons are advised that it is an offense to violate this ORDER or to attempt a low water crossing of any road that has been barricaded.

Watercraft illegally being operated on waters in the Flood Ban Area may be impounded.

Persons should contact the City of Austin Parks Police Headquarters at 2500 Columbus Drive, Austin, during business hours, to receive written authorization to secure property in the Flood Ban Area. Proof of ownership or occupancy is required.

Posted at City Hall on this 1st day of December, 2004.

This ORDER is effective at 5 PM, Wednesday, December 1, 2004 and expires at 5 PM, Friday, December 3, 2004.

The Floodwater and Watercraft Ban issued by me on Monday, November 29, 2004 is rescinded effective at 5PM, Wednesday, December 01, 2004.

BY: _____

Fire Chief
City of Austin

(Tom Miller {only})
ORDER

WATERCRAFT BAN

BE IT KNOWN:

_____ has necessitated floodgate operations at Tom Miller Dam.

These conditions have created and swift waters, which have made the recreational, commercial, and navigational use of a portion of Lake Austin, unsafe.

Under the Authority of Section 8-5-21 of the Austin City Code, I hereby determine that hazardous conditions exist in the following described lake:

Lake Austin- Downstream of Oyster Landing boat docks to Tom Miller Dam.
Said area is known as the "Watercraft Ban Area."

I hereby ORDER a ban on all commercial or navigational boating in and all recreational use of the Watercraft Ban Area.

Watercraft illegally being operated on waters in the Flood Ban Area may be impounded.

Persons should contact the City of Austin Parks Police Headquarters at 2500 Columbus Drive, Austin, during business hours, to receive written authorization to secure property in the Flood Ban Area. Proof of ownership or occupancy is required.

Posted at City Hall on this 1st day of December, 2004.

This ORDER is effective at 5 PM, Wednesday, December 1, 2004 and expires at 5 PM, Friday, December 3, 2004.

The Floodwater and Watercraft Ban issued by me on Monday, November 29, 2004 is rescinded effective at 5PM, Wednesday, December 01, 2004.

BY: _____

Fire Chief
City of Austin

IX. City of Austin Code

§ 8-5-21 BAN BY FIRE CHIEF.

(A) The fire chief may ban recreational or commercial boating on or recreational use of all or a part of a lake, river, creek, or other affected area after determining that flooding is occurring or likely to occur. In making a determination, the fire chief shall consider information available from the City's flood early warning system and recognized standards for issuing an advisory flood notice.

(B) If the fire chief orders a ban, the fire chief shall:

- (1) post the ban at city hall;
- (2) publish the ban in a newspaper of city-wide circulation; and
- (3) provide copies of the ban to local radio and television stations.

(C) A ban is effective when posted at city hall.

(D) A ban must include an expiration date that is not later than the fifth day after the posting date.

(E) The fire chief may issue another ban if flood conditions persist.

Source: 1992 Code Sections 14-2-41 and 14-2-42; Ord. 031009-11; Ord. 031211-11.

§ 8-5-22 RESTRICTED AREAS.

(A) Except as otherwise provided in this section, a person may not:

(1) enter or be on a lake, river, creek, or other area that is the subject of a ban issued in accordance with this article;

(2) enter or be on Lake Austin between Mansfield Dam and Loop 360 when three or more release gates of Mansfield Dam are open;

(3) enter or be on Lake Austin when four or more release gates of Mansfield Dam are open; or

(4) cross or attempt to cross a low water crossing that has been barricaded by the city.

(B) Subsection (A) does not apply to a city, state, or federal official or employee performing an official duty.

(C) Notwithstanding Subsections (A)(1), (A)(2), and (A)(3), the fire chief may permit a person to enter a restricted area after determining that the person has an ownership or possessory right in property located in the restricted area and that entry into the restricted area is required to remove or secure the property. The fire chief

shall issue a permit allowing entry into the restricted area, and the permit holder shall display the permit on request to a city officer or employee responsible for the enforcing this article.

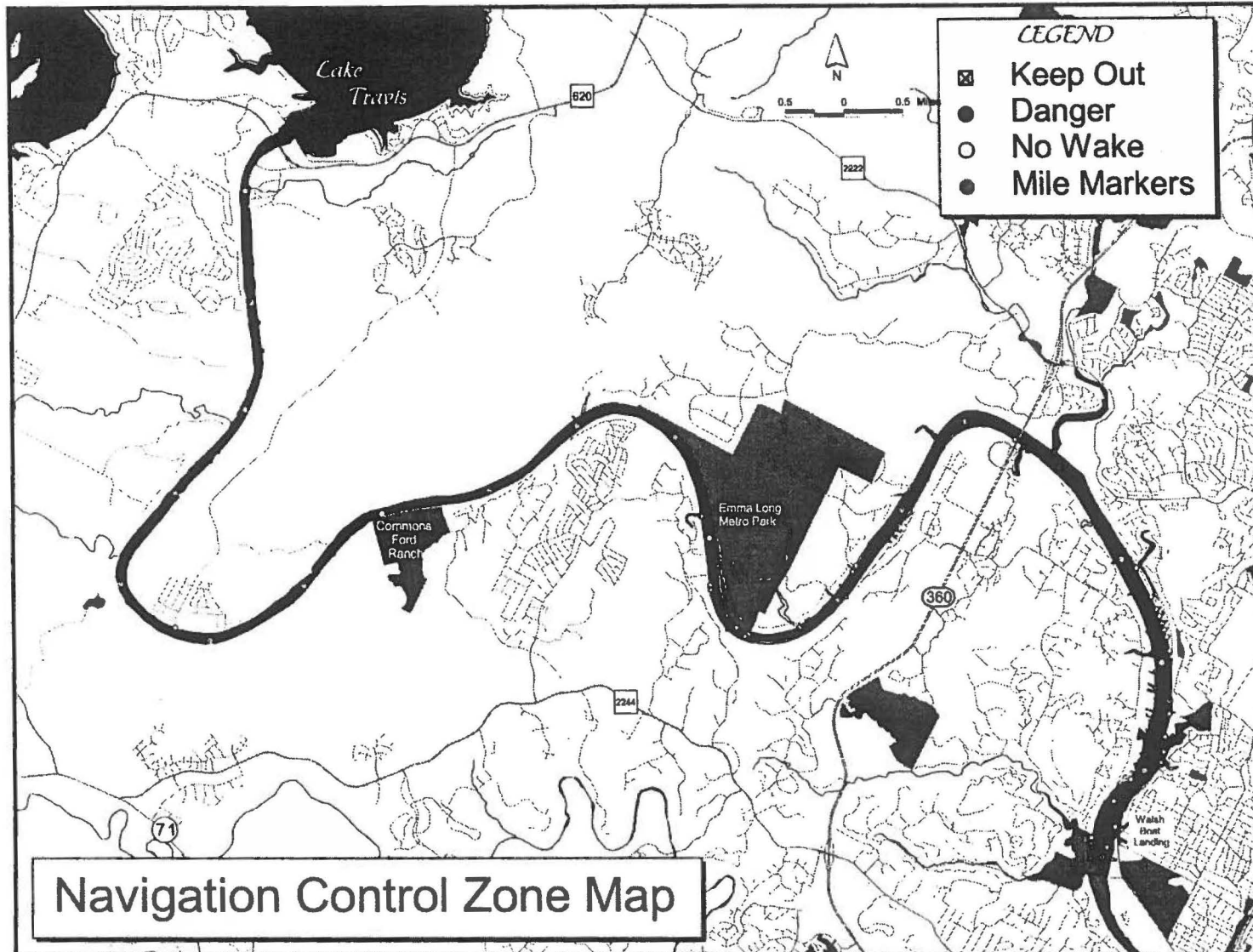
Source: 1992 Code Sections 14-2-43 and 14-2-44; Ord. 031009-11; Ord. 031211-11.

§ 8-5-23 TAMPERING WITH BARRIER PROHIBITED.

A person may not tamper with or remove a barrier placed by the city to prevent entry into an area restricted under Section 8-5-22 (*Restricted Areas*). This prohibition does not apply to a city, state, or federal official performing an official duty.

Source: 1992 Code Section 14-2-45; Ord. 031009-11; Ord. 031211-11.

X. Maps of the Colorado River and Barton Creek



Water flow:

- I. Lake Travis
- II. Mansfield Dam
- III. Lake Austin

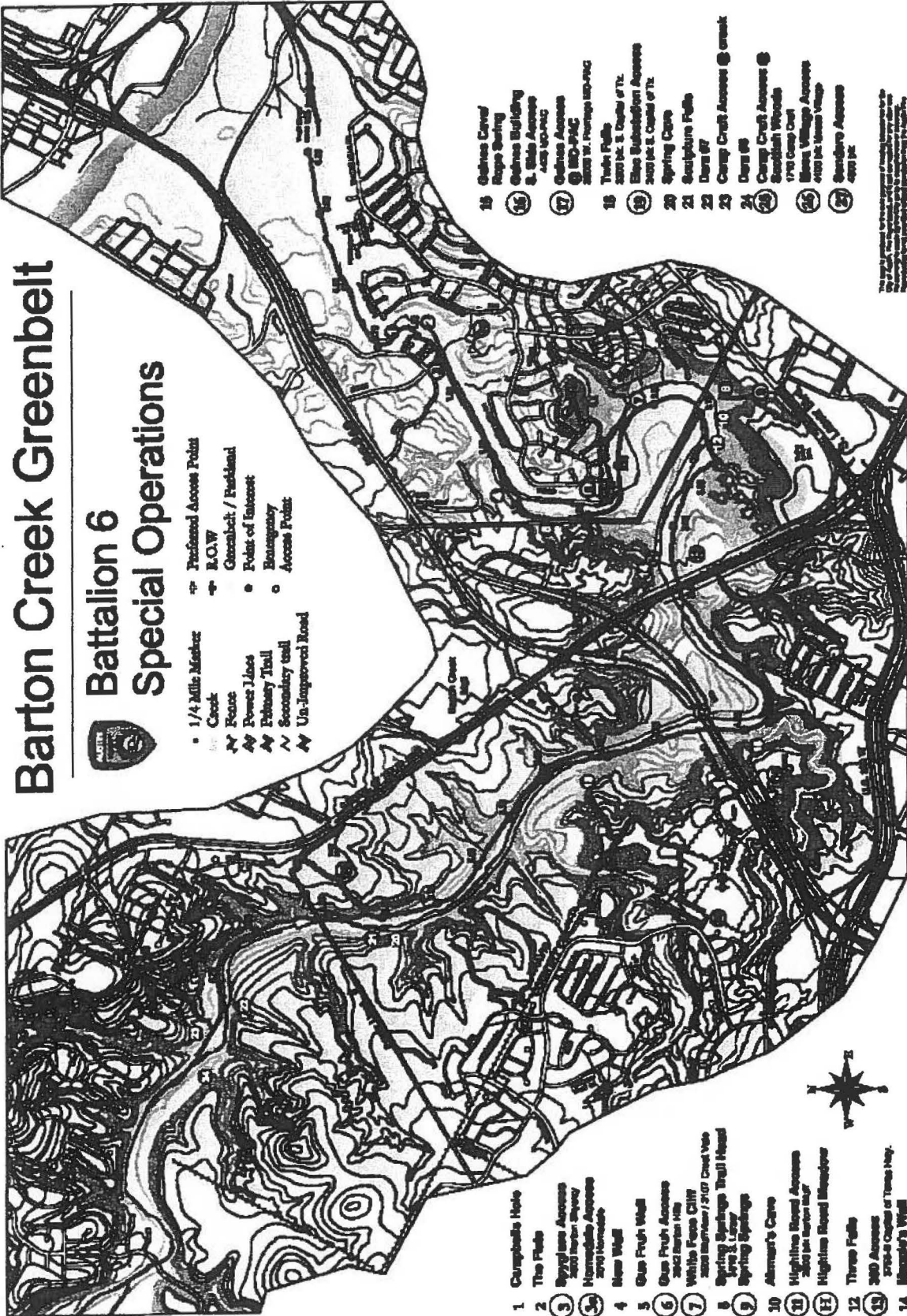
- IV. Tom Miller Dam
- V. Town Lake
- VI. Longhorn Dam
- VII. Texas Colorado River

Barton Creek Greenbelt

Battalion 6 Special Operations



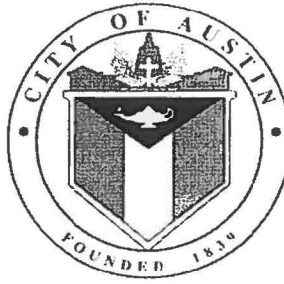
- 1/4 Mile Marker
- Preferred Access Point
- E.O.W.
- Greenbelt / Fieldland
- Point of Interest
- Boundary
- Access Point
- Un-Improved Road



1. Coughlin's Hole
2. The Field
3. Brydges Access
4. Brydges Access
5. Brydges Access
6. Brydges Access
7. Brydges Access
8. Brydges Access
9. Brydges Access
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26. Brydges Access
27. Brydges Access
28. Brydges Access
29. Brydges Access

This map is for informational purposes only. It is not to be used for legal or financial purposes. The City of Austin is not responsible for any errors or omissions on this map. The City of Austin is not responsible for any damages or injuries resulting from the use of this map.



Information Packet
For Parkland Use Agreement

Govalle 1 – West Lamar
Project CIP 4570-237-4558
Subproject ID No. 4926.089

Prepared by the
Austin Clean Water Program

on behalf of the
City of Austin
Austin Water Utility
and
Department of Public Works

Introduction

The Austin Clean Water Program, on behalf of the Austin Water Utility and the Department of Public Works, is proposing to install 219 linear feet (LF) of new 8-inch wastewater line on parkland adjacent to Barton Creek. The line will tie into an existing 24-inch wastewater line at a manhole on the hike and bike trail along the north side of Barton Creek approximately 550 feet upstream (southwest) from a northern entrance to the trail at the intersection of Barton Skyway and Spyglass Drive. The new line will replace an existing 8-inch line. A review of the existing 8-inch line has determined that the line is in poor condition.

The new wastewater line will extend 219 feet from the manhole on the hike and bike trail to a ravine on the south side of the creek. In an effort to minimize construction impacts, the line will be bored under the creek. The boring will require a large bore pit located at the manhole on the hike and bike trail and a smaller receiving bore pit will be located on the south side of the creek.

The contractor will access all work from the north entrance on Spyglass Drive and will travel along the hike and bike trail. The access route shall be kept clear of all construction equipment other than those on route to or from the work zone. Any equipment in transit between Spyglass Drive and the work zone shall be escorted by 2 (two) flaggers, one proceeding the equipment and another trailing. The contractor will have to cross Barton Creek to access the work on the south side. To minimize the impacts to the creek, the contractor will install a crossing consisting of a series of pipes (to maintain creek flow). The pipes will be covered with 5-inch to 8-inch rocks contained within gabion baskets. The crossing will occur along approximately 29 linear feet of the creek. The crossing is temporary and will be removed at the end of construction. The Watershed Protection Development and Review Department (WPDRD) has approved the crossing.

Project Need and Justification

The Austin Clean Water Program (ACWP) was developed to provide wastewater system improvements needed to overcome system overflows related to deteriorated infrastructure and excessive flows resulting from rainwater infiltration. The United States Environmental Protection Agency (EPA) placed an Administrative Order to the City of Austin to eliminate overflows. In order to eliminate the current wastewater line and to ensure no future wastewater spills or overflows occur within this area, the City Austin Water Utility directed a solution be designed to convey the flows within the area, thus allowing the current wastewater line to be decommissioned due to insufficient condition. The EPA directed this be achieved by 2009.

Alternatives to the use of Parkland

Based on the existing alignments, no practical alternative to using the parkland at Barton Creek was available for consideration. All design considerations minimize disturbance of the natural area as well as improve local environmental conditions within the Govalle 1 watershed.

Project Description and Schedule

The project includes the installation of 219 linear feet of 8-inch wastewater main line and 3 manholes. The entire project (this segment is part of a larger project) is scheduled to begin in February 2007. It is anticipated that work in the Barton Creek parkland area will occur during the dry season and will last approximately 6 to 8 weeks. The project will require 3,687 square feet of permanent easements in the park, 4,138 square feet of temporary workspace easements and 15,628 square feet of temporary ingress and egress easements.

Short Term Effects of Construction

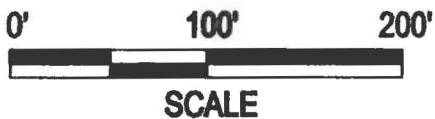
The hike and bike trail will not be closed during construction. The contractor will work with trail users to safely accommodate foot and bicycle traffic. The trees that are adjacent to the work areas will be protected. No trees will be removed as part of the project however low hanging branches will be trimmed.

Long Term Effects of Construction

There will be no adverse long-term affects of this project. Construction of the proposed wastewater line will allow for the current wastewater line to be decommissioned, and the potential for sewage overflows or spills associated with these lines to be eliminated.

Restoration Plan

All disturbed land will be restored and revegetated equal to existing conditions using native species. Areas used for work will be left at original grade. All site restoration will be completed in accordance with the *Standard of Specifications and Construction Standards of the City of Austin*. All construction and site restoration for this project within parkland shall be completed in accordance with PARD's *Construction in Parks Specification*. As with all City construction projects, the Contractor will be required to provide a one-year warranty of his work including restoration and revegetation.




SPY GLASS ROAD

BARTON CREEK

BARTON CREEK GREENBELT

LEGEND

-  - PROPOSED EASEMENT (PERMANENT)
-  - PROPOSED EASEMENT (TEMPORARY)
-  - EXISTING WASTEWATER LINE



WAST LAMAR AREA
WASTEWATER LINE IMPROVEMENTS
EASEMENT LAYOUT

DRAFT 7-6-05

**INTERLOCAL COOPERATION AGREEMENT
BETWEEN CITY OF AUSTIN, TEXAS
AND LOWER COLORADO RIVER AUTHORITY
REGARDING BUOYS AT TOM MILLER DAM**

THIS AGREEMENT is entered into by and between the Lower Colorado River Authority, a conservation and reclamation district of the State of Texas, and the City of Austin, Texas shown below as contracting parties, pursuant to the authority granted and in compliance with the provisions of the Texas Interlocal Cooperation Act, Chapter 791, Texas Government Code.

I. CONTRACTING PARTIES

The Lower Colorado River Authority (LCRA) through its Water Services division operates and maintains dams along the Highland Lakes. LCRA's authority is the control, storage, and preservation of the waters of the Colorado River and for hydroelectric generation and flood control. LCRA also controls the surface of the Highland Lakes pursuant to Chapter 222, Texas Water Code and Chapter 31, Texas Parks & Wildlife Code. The City of Austin (Austin) is a home rule municipality of the State of Texas which operates and regulates Lake Austin in Travis County. The parties recognize that Tom Miller Dam on Lake Austin is currently leased to LCRA by Austin under separate agreements.

II. PURPOSE

In 2005, LCRA completed major renovations to Tom Miller Dam as part of a dam modernization program. As part of the renovations and, in order to protect the construction site, LCRA placed and maintained a system of buoys upstream of the floodgates and spillway of Tom Miller Dam. The parties now intend to continue the arrangement for the placing of buoys at that location by allowing LCRA to place and maintain the buoys.

The parties recognize that there is no legal obligation to locate, maintain, or replace buoys or warnings of any kind on Lake Austin. The parties further acknowledge that the decision to place markers, warnings, or buoys and the type, manner, location, and maintenance of any markers, warnings, or buoys set out on the surface of Lake Austin is entirely within the discretion of the parties, as political subdivisions of the State of Texas.

III. STATEMENT OF SERVICES TO BE PERFORMED:

LCRA agrees to install, maintain, and replace buoys, signs, cables, and/or markers and appurtenances (Buoys) to assist boaters in recognizing hazards associated with Tom Miller Dam. LCRA shall be responsible for providing all labor and equipment (including boats and tools) necessary to set out the Buoys, at LCRA's expense. Austin shall reimburse LCRA for the actual

DRAFT 7-6-05

cost of materials to replace or repair Buoys which are lost, destroyed, or damaged. The parties agree to mutually determine the location, type, number, and anchoring of the Buoys, it being left to the discretion of LCRA as to the method of installation. Subject to available manpower, funding or water and weather conditions, the Parties agree to use best efforts to maintain the Buoys or to repair or replace damaged Buoys. The parties shall not be required to follow any published guidelines, recommendations or standards that do not have the force of law.

Austin and LCRA may loan equipment to each other in furtherance of this Agreement, but any such equipment remains the property of the loaning agency and must be returned upon request. Austin shall provide the assistance of the Austin Park Police, if requested, to further the purposes of this Agreement. Austin shall provide any official action by the Austin City Council necessary to carry out the purposes of this Agreement.

IV. AUTHORITY

The exercise of duties by any of the Parties' agents, officers or employees in connection with this Agreement shall be pursuant to the fullest authority of each Party. LCRA is specifically authorized to place and maintain Buoys as mutually determined without further official action under any City of Austin ordinance and without need for permit approvals.

V. LEGAL RESPONSIBILITIES

This Agreement does not create any partnership, employee, fiduciary, insurance, or agency relationship between the parties or any of their agents, employees, volunteers, or officers. No party to this Agreement will be responsible for the acts of the other party or any agent or officer of the other party by virtue of this Agreement. It is expressly understood and agreed that in the execution of this Agreement, no party waives, nor shall be deemed to waive, any immunity or defense otherwise available to it against any claims by third parties. Each party to this Agreement waives all claims against every other party to the Agreement for compensation or any loss, damage, personal injury, or death, occurring as a consequence of the performance of this Agreement, except for acts in violation of the criminal laws.

DRAFT 7-6-05

VI. TERM OF AGREEMENT

This Agreement is to begin _____, 2005 and shall terminate on _____, 200__. Either party may terminate this Agreement for convenience at any time by giving 30 days advance notice to the other party.

VII. NOTICE

Any notice and invoices for reimbursement given hereunder by any party to the other party shall be in writing and may be effected by personal delivery in writing, by registered or certified mail, return receipt requested, when mailed to the addresses of the parties indicated below, in care of the official signing this Agreement, or by facsimile transmission as agreed to by the Parties and as evidenced by a confirming return facsimile transmission:

City of Austin
c/o

Austin, Texas 78701

Fax: 512-_____ - _____

Lower Colorado River Authority
Lake Surface and Shoreline Management
3700 Lake Austin Blvd.
Austin, Texas 78703
Fax: 512-473-_____

VIII. LEGAL CONSTRUCTION

Whenever the context of this Agreement requires, the masculine, feminine, or neuter gender and the singular or plural number shall each be deemed to include the others. Any portion of this Agreement held by a court of competent jurisdiction to be invalid, illegal, or ineffective shall not impair, invalidate, or nullify the remainder of this Agreement, but the effect thereof shall be confined to the clause, sentence, provision, paragraph, or article so held to be invalid, illegal, or ineffective.

IX. ENTIRE AGREEMENT

This is the complete and entire Agreement between the parties with respect to the matters herein and supersedes all prior negotiations, agreements, representations, and understandings, if any. This Agreement may not be modified, discharged, or changed in any respect whatsoever except by a further agreement in writing duly executed by the parties hereto. No official, representative, or

DRAFT 7-6-05

employee of either party has any authority to modify this Agreement, except pursuant to such express authority as may be granted by the governing body of the party.

X. APPLICABLE LAW

This Agreement shall be construed under the laws of the State of Texas. All obligations hereunder are performable within Travis County.

XI. NO THIRD PARTY BENEFICIARY

Nothing in this Agreement, express or implied, is intended to confer upon any person, other than the parties hereto, any benefits, rights, or remedies under or by reason of this Agreement. Nothing in this Agreement shall be construed as creating an obligation or duty of either party to any third party or any member of the public.

XII. MULTIPLE COUNTERPARTS

This Agreement may be executed simultaneously in one or more counterparts, each of which shall be deemed an original and all of which together constitute one and the same instrument.

THE UNDERSIGNED CONTRACTING PARTIES certify that: (1) the services specified above are necessary and essential for activities that are properly within their statutory functions, (2) the proposed arrangements serve the interest of efficient and economical administration of State Government, (3) each party has the necessary authority to enter into this Agreement, and (4) the services, supplies or materials contracted for are not required by Section 21 or Article 16 of the Constitution of Texas to be supplied under contract given to the lowest responsible bidder.

IN WITNESS WHEREOF, LCRA and AUSTIN, through their duly authorized representatives, have made and executed this Agreement on the respective dates written below their signatures.

City of Austin, Texas:

Lower Colorado River Authority:

By: _____

By: _____

Name: _____

Name: _____

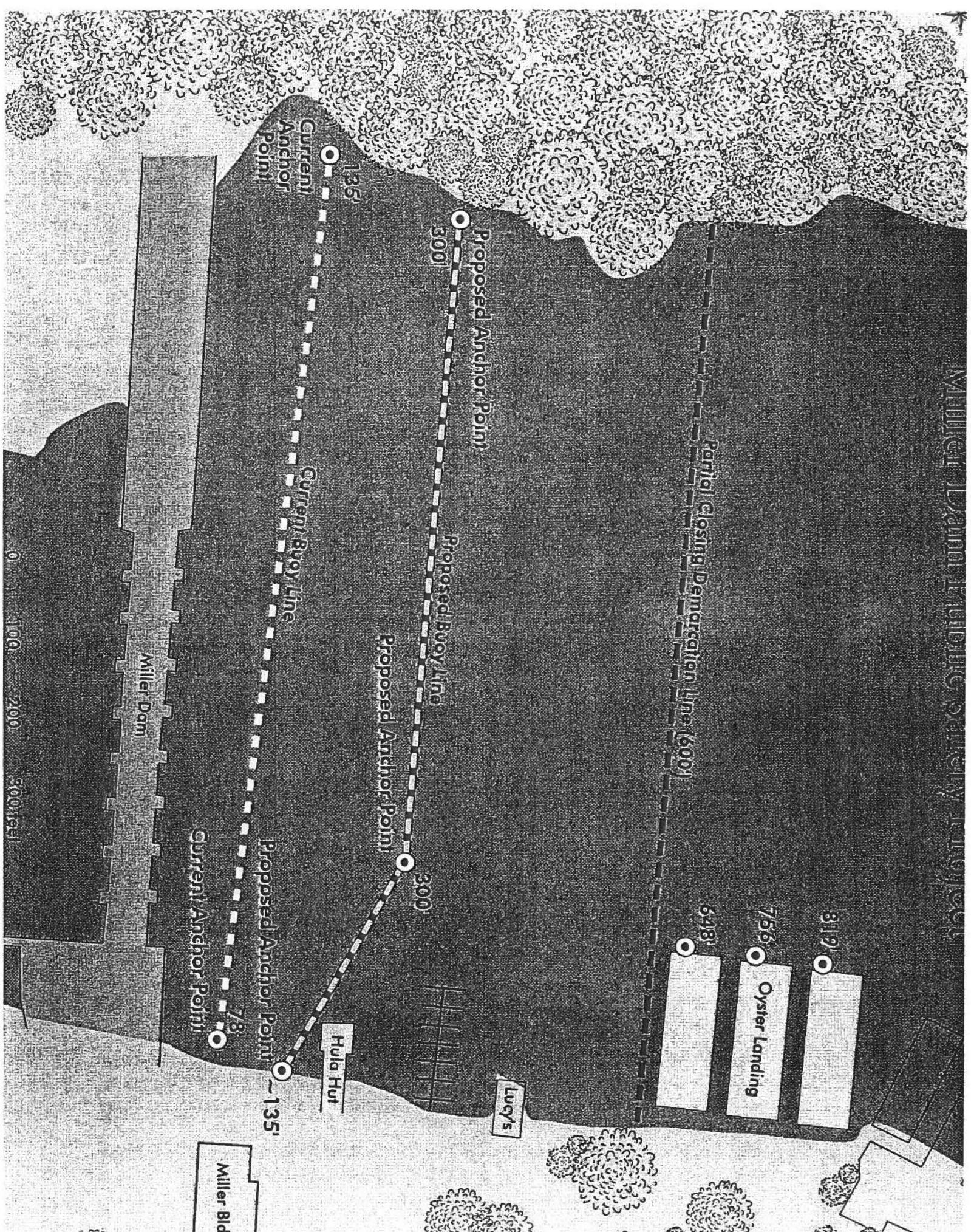
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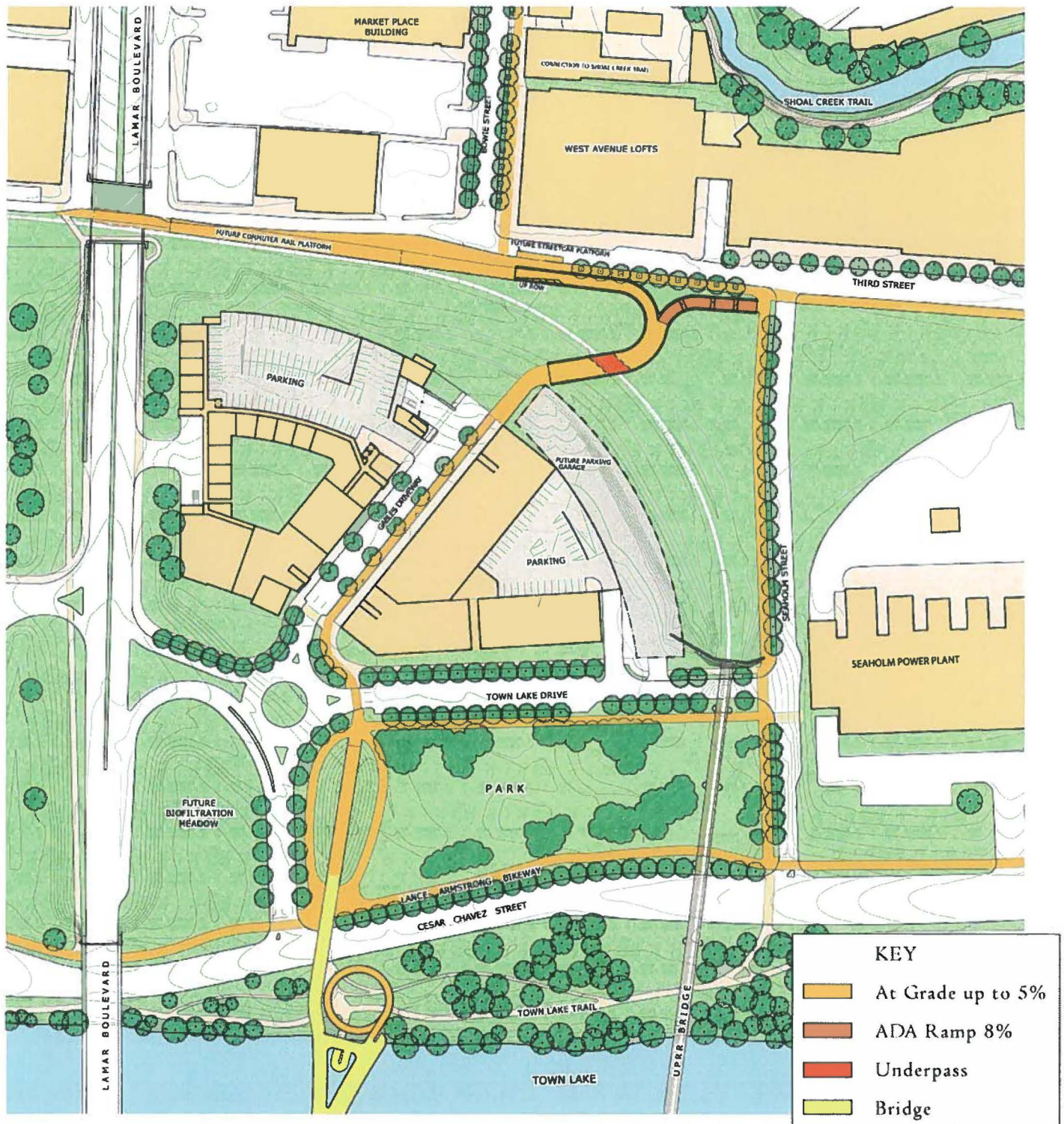
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Date signed: _____

Date signed: _____

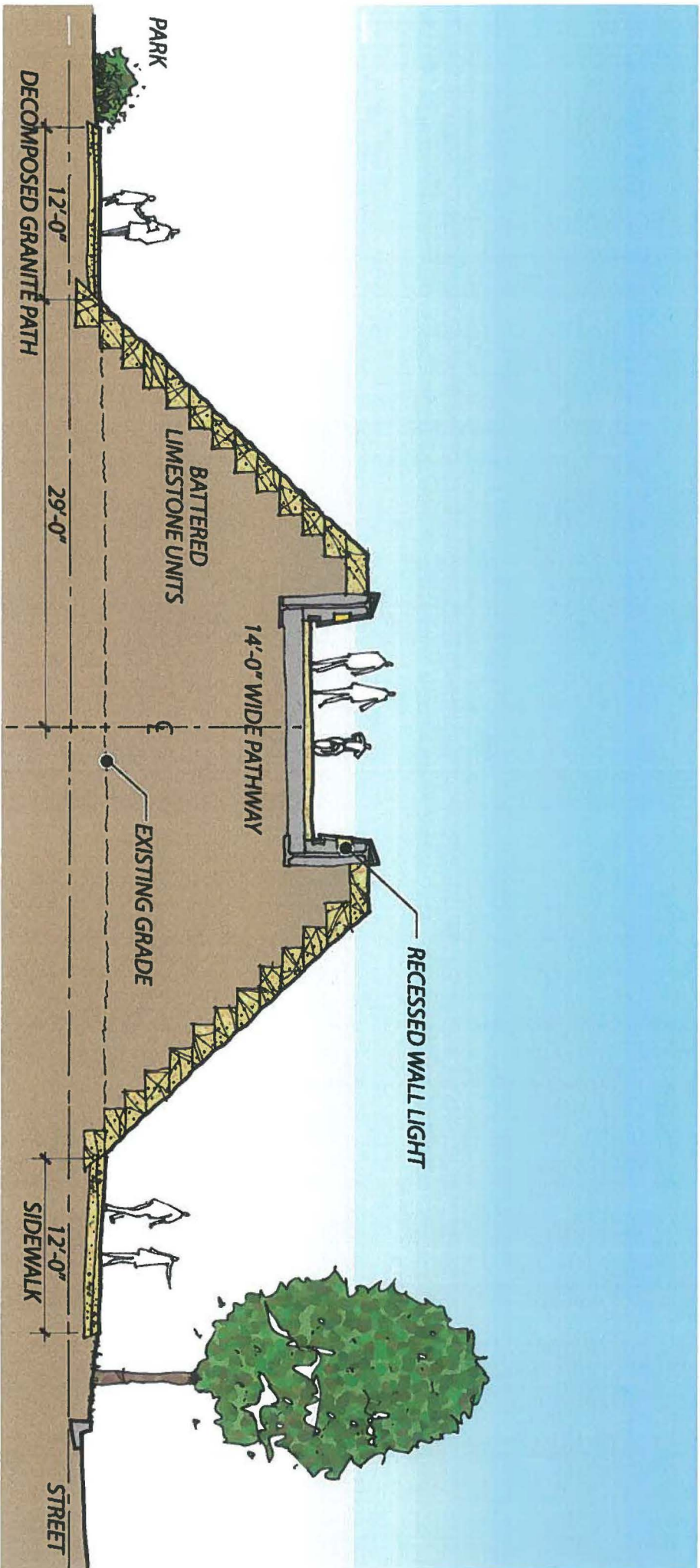
MILLER DAMN FLOODING DRAINAGE PROJECT



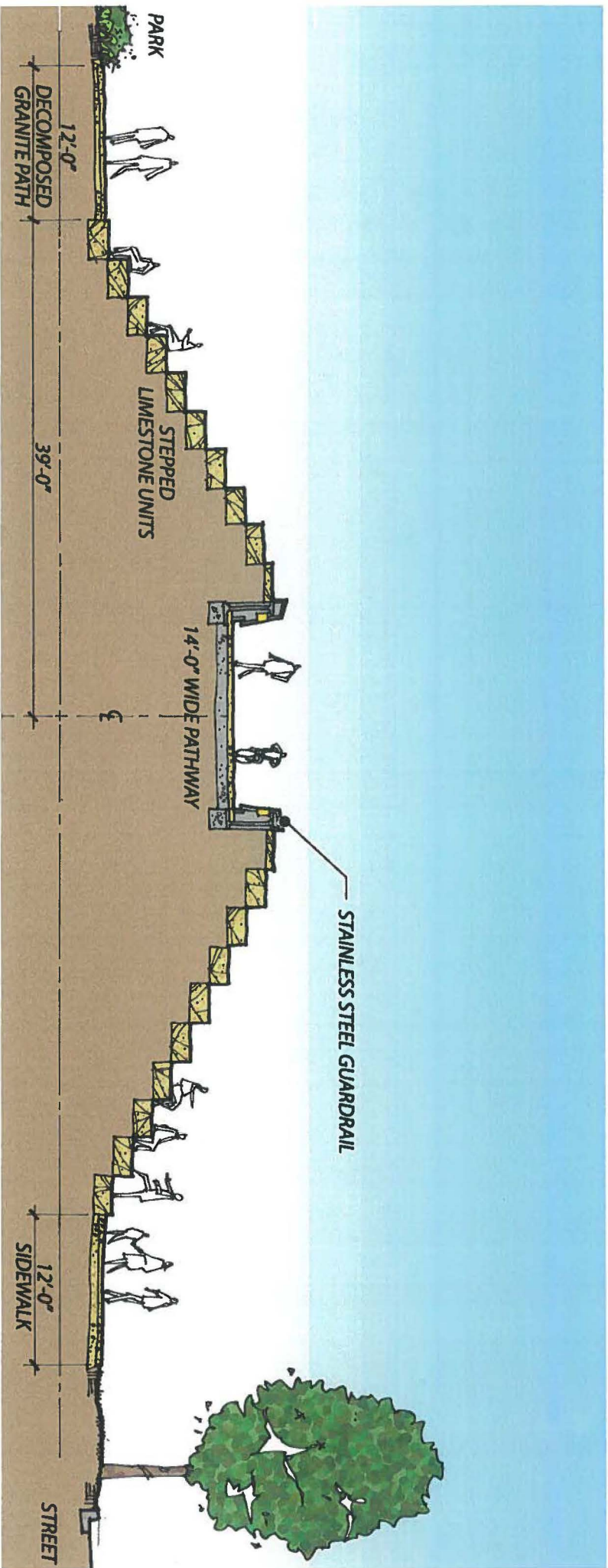


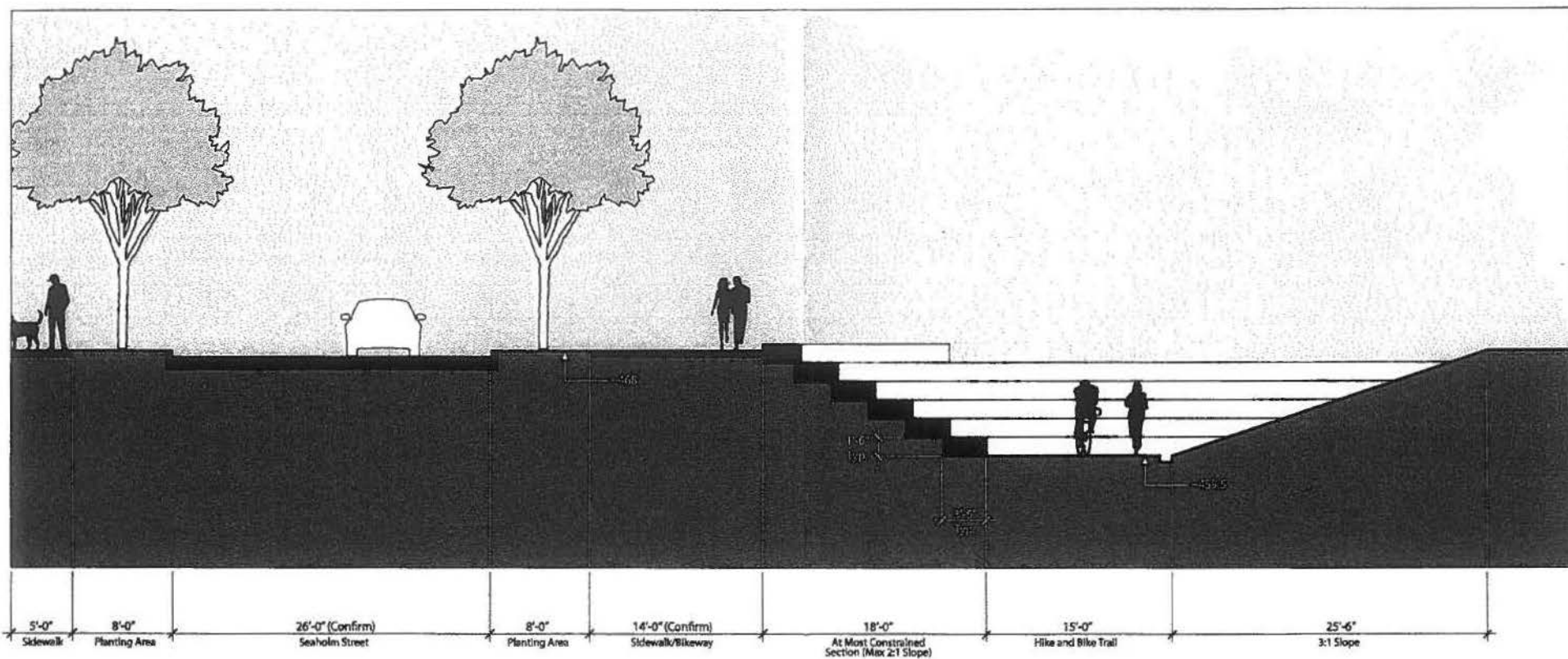
OPTION 3: PROPOSED PFLUGER BRIDGE EXTENSION & RAILROAD UNDERPASS

8% RAMP TO SEAHOLM STREET, 5% RAMP TO BOWIE STREET (USING UP ROW)



How Deer Chores





PFLUGER UNDERPASS OF RAILROAD:
CONCEPTUAL EAST-WEST SITE SECTION LOOKING SOUTH



September 25, 2006

Mr. Chris Riley, Chairman
City of Austin Planning Commission
P.O. Box 1088
Austin, TX 78767

RE: **300 East Riverside Drive**
City File # SP-06-0347C.SH

Dear Chairman Riley and Commission Members:

On behalf of the property owner, we are requesting two variances from Division 8 of Austin's Land Development Code, which governs the Waterfront Overlay District and Subdistrict Development Regulations. The specific variance requests are as follows:

- A) Section 25-2-742 *South Shore Central Subdistrict Regulations* – Request to reduce the primary setback from 150 feet to 80 feet from the Town Lake shoreline, and to reduce the secondary setback from 50 feet to 0 feet. Request to maintain the primary setback of 80 feet from East Bouldin Creek and reduce the secondary setback from 130 feet to 0 feet. The 35 foot primary setback north of the Riverside Drive right-of-way will remain unchanged.
- B) Section 25-2-721 (B)(1) *Waterfront Overlay (WO) Combining District Regulations* – Request to construct a 25 foot wide access drive with a 50 foot radius fire truck turnaround within the primary setback, in order to provide emergency and public access to the Town Lake trail extension and to the proposed site amenities. This driveway will increase fire and police access to Town Lake over what is currently provided.

Section 25-2-713 of the Land Development Code states that the Planning Commission may grant these variances after determining that:

- 1. the proposed project and variances are consistent with the goals and policies of the Town Lake Corridor Study, including environmental protection, aesthetic enhancement, and traffic; and
- 2. the variances are the minimum required by the peculiarities of the tract.

Project History

The subject property is a legal tract, per Land Status Determination #C8-00-2336, issued by the City of Austin in November 2000. 300 E. Riverside was built in 1963, as a 45 unit apartment complex with four buildings. All four buildings are either wholly or partially within the Waterfront Overlay setback areas, with two of the buildings located approximately 20 feet from the Town Lake shoreline. As stated in Section 25-2-962 of the Land Development Code, all four existing buildings on the site are classified as "legal complying" structures, since they complied with the City's development regulations in effect on March 1, 1984. The entire 3.889 acre tract is zoned L-NP, Lake Commercial – Neighborhood Plan. This zoning district allows any combination of office, retail, commercial, and residential uses, with 50% impervious cover, 200 foot building heights, and an 8:1 floor area ratio. Proposed redevelopment will consist of 352


apartment units, including a Smart Housing component. The site will comply with the Compatibility Standards height limits, and will have a floor area ratio of 2.5 to 1.

Variance Justification

The granting of these variances will result in a project that is consistent with nine of the Goals and eighteen of the Policies listed in the Town Lake Corridor Study, as listed on the attached page. The proposed redevelopment will remove four valuable existing buildings in order to provide additional waterfront open space, parkland dedication, and the extension of the Town Lake trail. In addition, this proposed redevelopment will provide police and emergency services access to the Town Lake trail and shoreline in a location where public access is currently substandard. We believe that these variances represent minimal departure from the setbacks listed in Division 8, because the granting of these variances will allow us the opportunity to remove the four existing buildings and thus create the additional setbacks from Town Lake. Also, impervious cover will be reduced from 68% (existing) to 50%. Finally, this project is proposing a 2.5 to 1 floor area ratio, rather than the 12.8 to 1 floor area ratio that is permitted by zoning (8 to 1) and the Waterfront Overlay bonus provisions (up to a 60% FAR increase). By limiting our floor area ratio to less than 20% of the floor area ratio allowable by Code, we will preserve significant vistas from surrounding properties.

Thank you for your consideration of these variance requests.

Sincerely,
URBAN DESIGN GROUP



John Noel, P.E.
Partner

Attachment

Strong, Stuart

From: Soliz, Ricardo
Sent: Friday, October 20, 2006 6:10 PM
To: Strong, Stuart
Cc: Smith, Butch; Lipton, Julie; Scott, Randy
Subject: Lakeshore PUD talking points

Talking Points on the Lakeshore PUD zoning

S. Lakeshore Sub dist

1. Proposed Planned Unit Development (PUD) zoning
2. Will include a mix of residential and commercial uses. A total of 2,400 residential units are identified.
3. To date, no variances are requested from the South Shore Waterfront Overlay on this development.
4. Description of the site plan.
 - a. Request to increase heights to 75 feet along Lake Shore Blvd. , (approximately 6 stories or a two level parking garage and 4 stories of residential above);
 - b. Heights to 8 stories in the middle of the development;
 - c. 50 foot setback from Lake Shore Blvd. Will include detention pond, and green space;
 - d. Will include a private community park; however, open to the public and maintained by the development.
 - e. Internal street network will be open to the public.
 - f. Existing development has 700 units. 760?
 - g. Planning Commission has asked for a recommendation from the Parks Board.
5. Ask the Board if they would like for the project to go before Land & Facilities.
6. The contact person on the project is: Sean Compton, cell: 917-2607; sean.compton@tbq-inc.com

Ricardo Soliz,
 Division Manager
 Park Planning & Design
 Parks & Recreation Department
 City of Austin
 (512) 974-6765

W.D. Setbacks
 65' setback from TL shoreline
 And, 50' south of Lakeshore Blvd



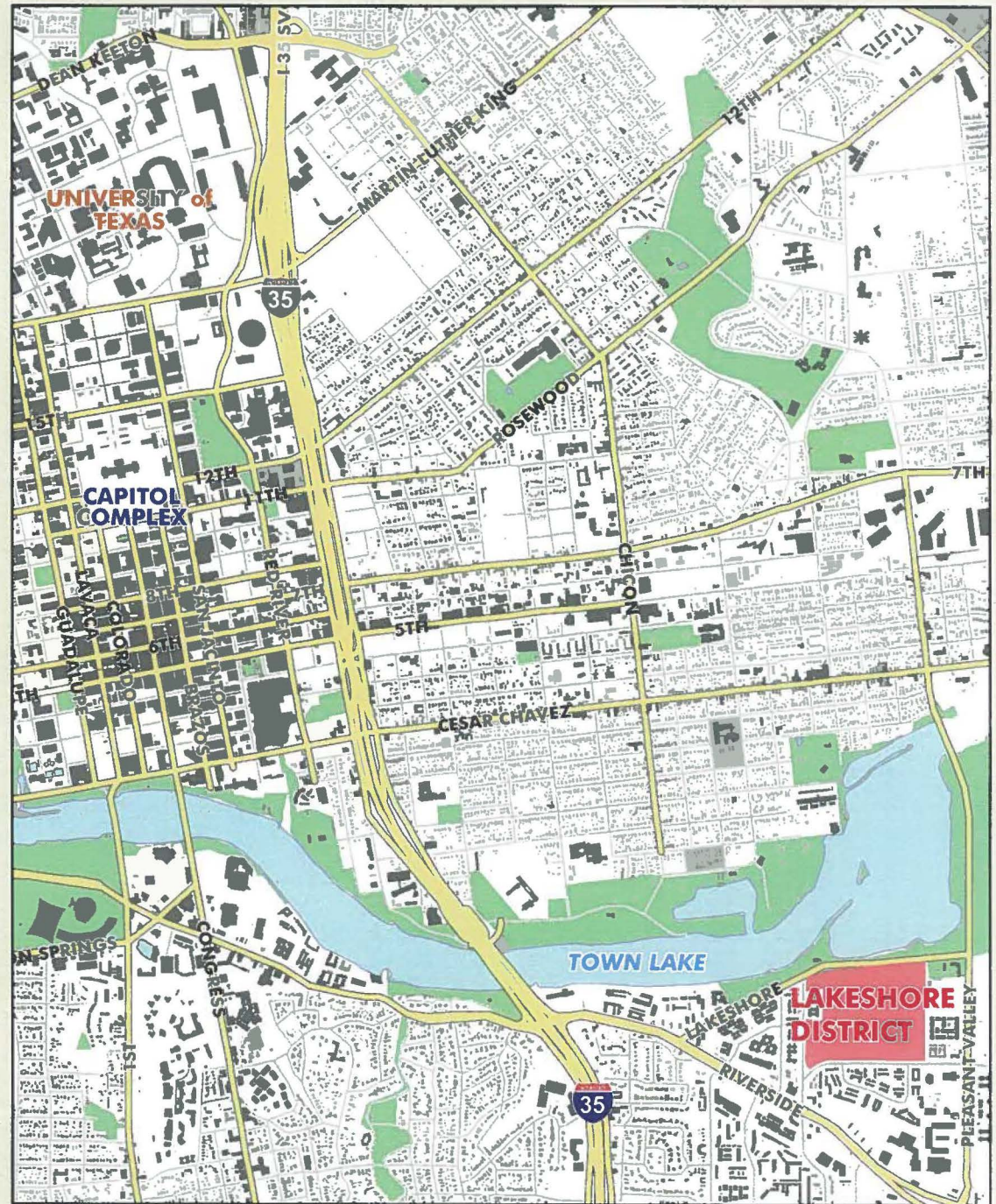
CYPRESS
REAL ESTATE ADVISORS

LAKESHORE DISTRICT

AUSTIN, TX

LOCATION

The location of Lakeshore is optimal for its proximity to downtown and Town Lake and the convenience of hike and bike trails and public transportation.

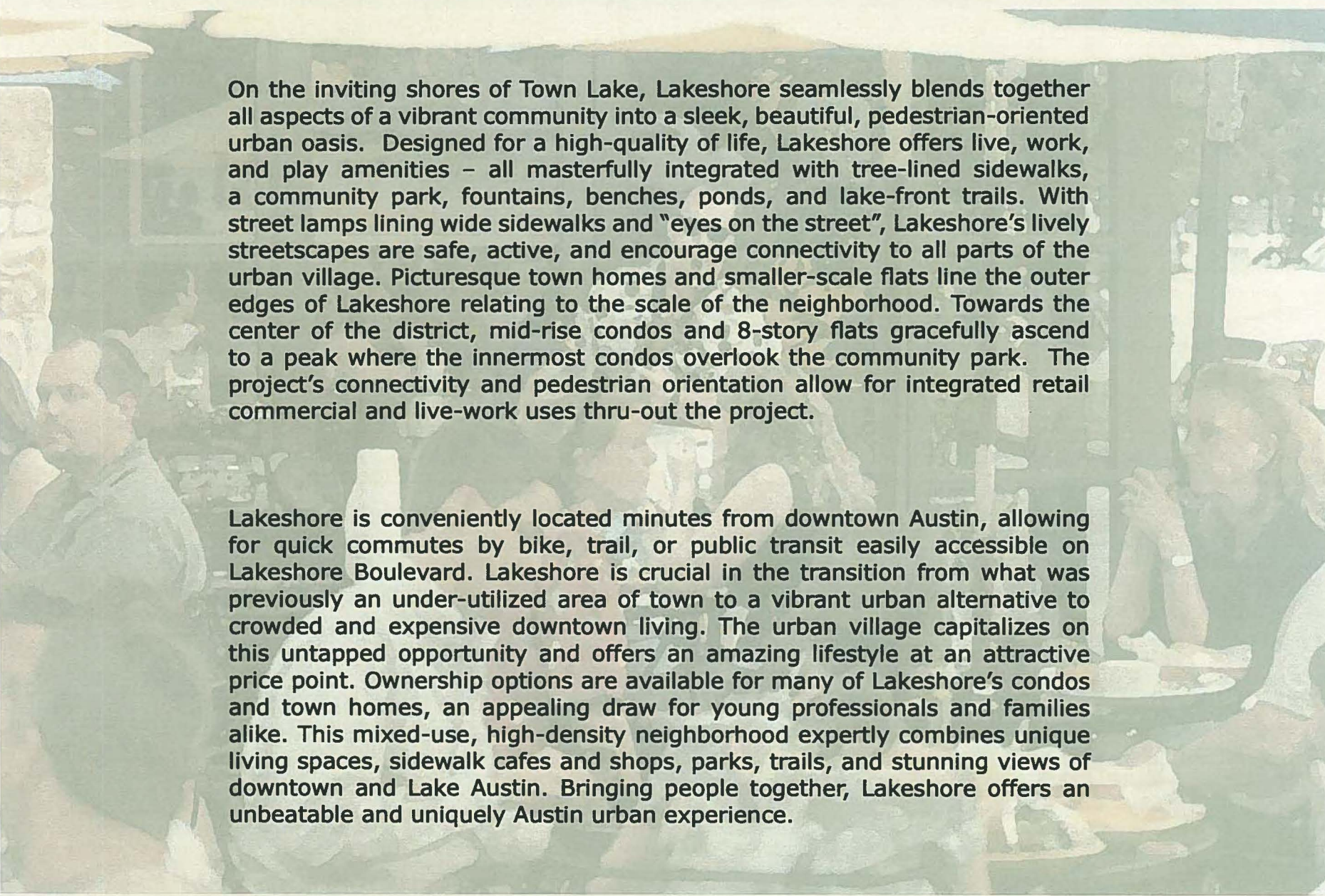


LAKESHORE DISTRICT

CYPRESS
REAL ESTATE ADVISORS

TBG
PARTNERS

VISION



On the inviting shores of Town Lake, Lakeshore seamlessly blends together all aspects of a vibrant community into a sleek, beautiful, pedestrian-oriented urban oasis. Designed for a high-quality of life, Lakeshore offers live, work, and play amenities – all masterfully integrated with tree-lined sidewalks, a community park, fountains, benches, ponds, and lake-front trails. With street lamps lining wide sidewalks and “eyes on the street”, Lakeshore’s lively streetscapes are safe, active, and encourage connectivity to all parts of the urban village. Picturesque town homes and smaller-scale flats line the outer edges of Lakeshore relating to the scale of the neighborhood. Towards the center of the district, mid-rise condos and 8-story flats gracefully ascend to a peak where the innermost condos overlook the community park. The project’s connectivity and pedestrian orientation allow for integrated retail commercial and live-work uses thru-out the project.

Lakeshore is conveniently located minutes from downtown Austin, allowing for quick commutes by bike, trail, or public transit easily accessible on Lakeshore Boulevard. Lakeshore is crucial in the transition from what was previously an under-utilized area of town to a vibrant urban alternative to crowded and expensive downtown living. The urban village capitalizes on this untapped opportunity and offers an amazing lifestyle at an attractive price point. Ownership options are available for many of Lakeshore’s condos and town homes, an appealing draw for young professionals and families alike. This mixed-use, high-density neighborhood expertly combines unique living spaces, sidewalk cafes and shops, parks, trails, and stunning views of downtown and Lake Austin. Bringing people together, Lakeshore offers an unbeatable and uniquely Austin urban experience.

LAKESHORE DISTRICT

CYPRESS
REAL ESTATE ADVISORS



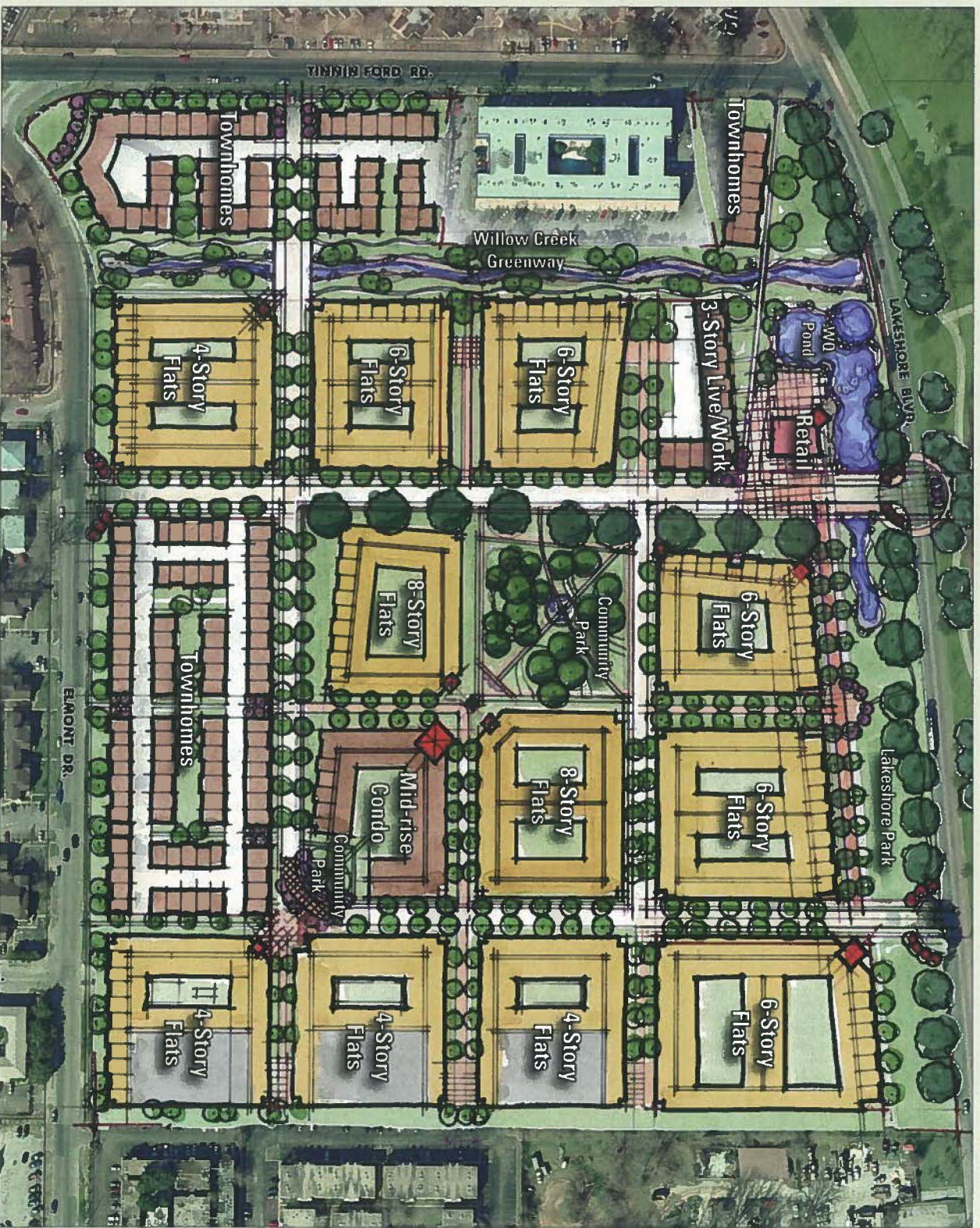
EXISTING SITE MAP



LAKESHORE DISTRICT

SITE PLAN - ILLUSTRATIVE ONLY

DRAFT - CONCEPTUAL ONLY



All imagery shown is conceptual in nature and subject to change without notice.

LAKESHORE DISTRICT

CYPRESS
REAL ESTATE ADVISORS

T B G

Bylaw Amendment

Amend ARTICLE V of the bylaws by adding a Section 7 as follows:

Section 7. The board shall adopt procedures by which significant items shall be brought to the full board before being referred to a committee. (Note: this section is being added to current bylaws)

Amend Article VI, Section 5, as follows: Each standing committee shall be required to make a formal annual report to the Board at the annual Board retreat. The committee's annual report will include but not be limited to short and long-term planning, progress under CIP funding and the effects of programming on the operating budget. Note: we have eliminated the wording "to be held in August".

Board Procedure

The Board will follow the following procedures:

1. PARD staff will contact the board chair no later than one week before a regular meeting to discuss significant items that may be brought to the Parks Board for discussion, recommendation and action.
2. The chair will place significant items on the agenda for a briefing at the regular meeting or may refer items directly to committee.
3. After the briefing, the chair and/or the Board will refer the significant items to the proper committee, or create a special committee to consider the significant item.
4. The committee will consider the significant items and may make a recommendation to the full board.

briefing